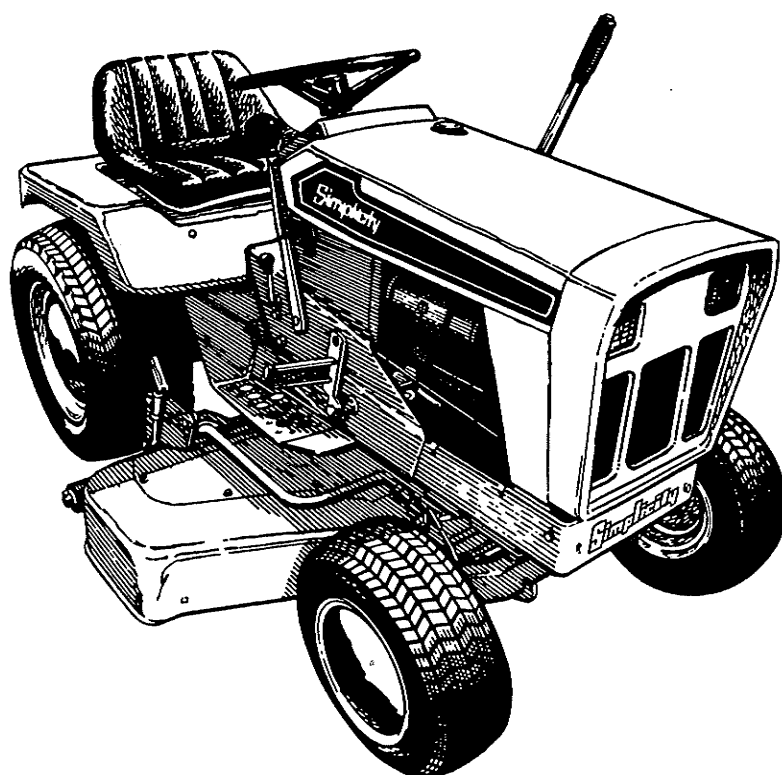


7010 & 7016 6-Speed Garden Tractors

Also covers Allis Chalmers 710 & 716 6-Speed Models



Tractors

| Mfg. No. | Description |
|-----------------|--------------------|
| 1690203 | 7010, 16HP 6-Speed |
| 1690204 | 7010, 10HP 6-Speed |

| | |
|---------|---------------------------------|
| 1690212 | Allis Model 716, 16HP Six Speed |
| 1690215 | Allis Model 710, 10HP Six Speed |

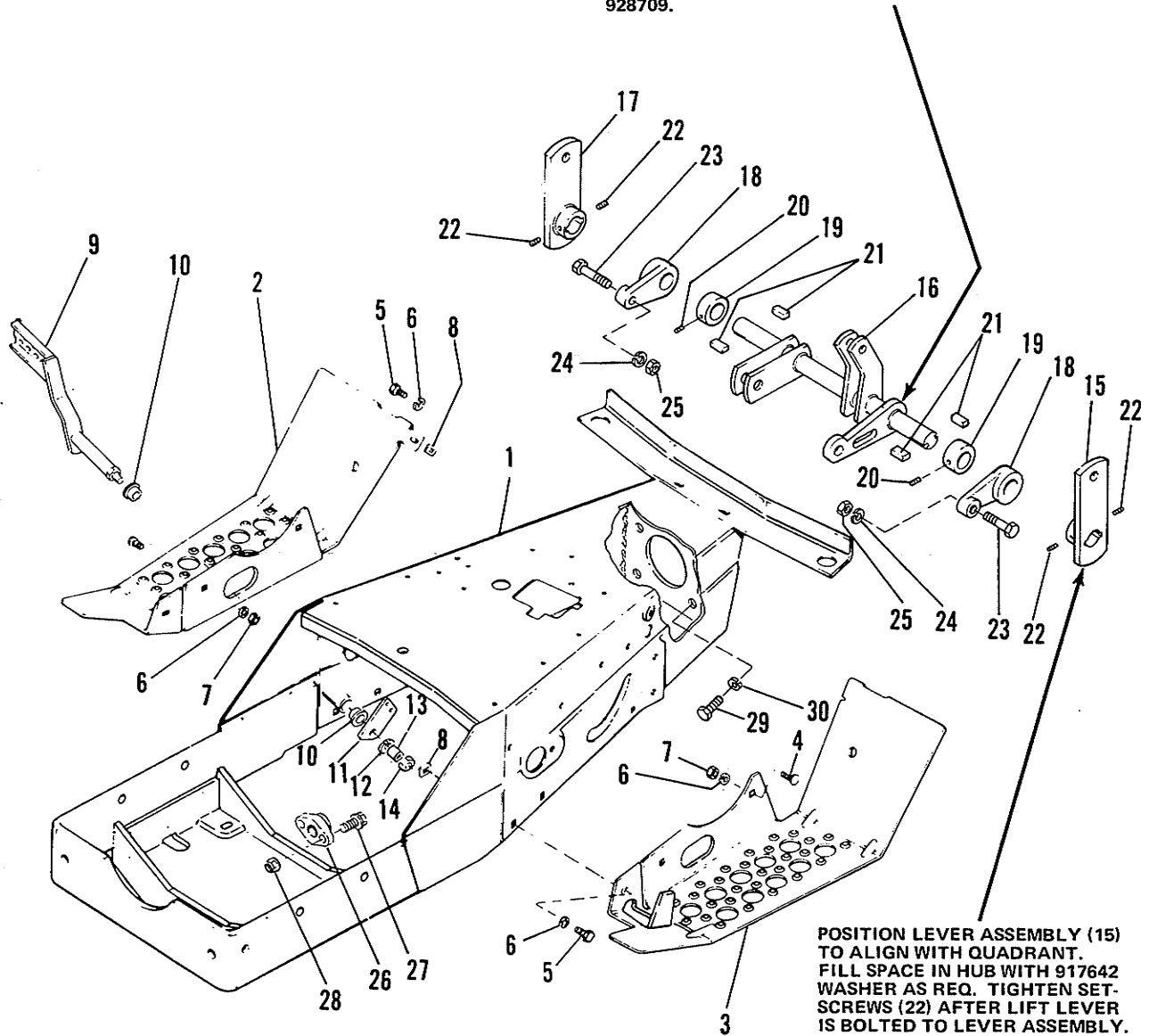
Mower Decks

| Mfg. No. | Description |
|-----------------|-----------------------|
| 1690252 | 42" Rotary Mower Deck |
| 1690021 | 48" Rotary Mower Deck |

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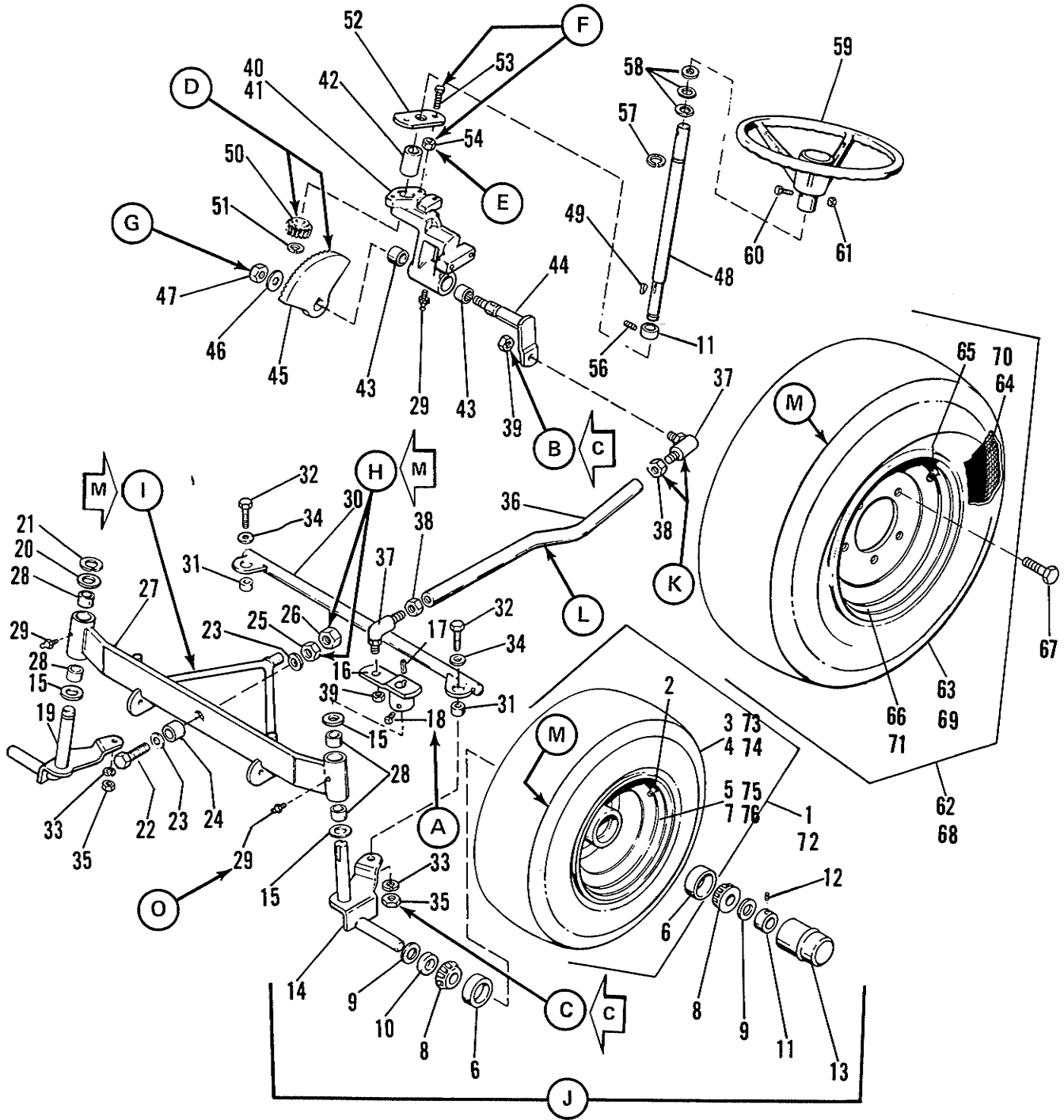
| | |
|--|-------------------|
| FRAME & FOOTREST (7010 & 7016) | 2 |
| WHEEL, AXLE & STEERING (7010 & 7016) | 4 |
| ENGINE & DRIVE SHAFT (7010 & 7016) | 8 |
| DRIVE & CLUTCH (7010 & 7016) | 10 |
| BRAKE (7010 & 7016) | 12 |
| BRAKE LINKAGE (7010 & 7016) | 14 |
| TRANSMISSION (7010 & 7016) | 16 |
| TRANSMISSION, BRAKE, DRIVE & CONTROL (7010 & 7016) | 20 |
| P.T.O.CONTROL (7010 & 7016) | 22 |
| P.T.O. CONE CLUTCH (7010 & 7016) | 24 |
| LIFT LEVER & CABLE (7010 & 7016) | 26 |
| BEVEL GEAR & SIDE PLATE (7010 & 7016) | 28 |
| DRAW BAR (7010 & 7016) | 30 |
| REAR AXLE & DIFFERENTIAL (7010 & 7016) | 32 |
| ELECTRICAL (7010 & 7016) | 34 |
| DASH GROUP (7010 & 7016) | 36 |
| HOOD & LIGHTS (7010 & 7016) | 38 |
| SEAT & SEAT DECK (7010 & 7016) | 40 |
| HOUSING & ARBOR (42" MOWER) | 42 |
| COVER & BAIL (42" MOWER) | 44 |
| HEIGHT ADJUSTING & ROLLER (42" MOWER) | 46 |
| DEFLECTOR, STONE GUARD & ROCKER ARM (42" MOWER) | 48 |
| HOUSING & ARBOR (48" MOWER) | 50 |
| COVER & BAIL (48" MOWER) | 52 |
| HEIGHT ADJUSTING & ROLLER (48" MOWER) | 54 |
| DEFLECTOR, STONE GUARD & ROCKER ARM (48" MOWER) | 56 |
| STANDARD HARDWARE TORQUE SPECIFICATIONS | Inside Back Cover |

POSITION SHAFT ASSEMBLY 174111 BY ALIGNING LEVER ARM WITH CENTER OF LIFT CABLE PULLEY BRACKET ON RIGHT HAND SIDE OF FRAME. SECURE SHAFT ASSEMBLY IN PLACE WITH SET COLLARS 157624 AND SETSCREWS 928709.



USE STANDARD HARDWARE
TORQUE SPEC. NO. 173209
UNLESS OTHERWISE NOTED.

| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|------------------------------------|
| 1 | 1654933 | 1 | (00000)-() | REAR FRAME ASSEMBLY |
| 2 | 171271 | 1 | (00000)-() | FOOT REST, R.H. |
| 3 | 176628 | 1 | (00000)-() | FOOT REST, L.H. |
| 4 | 923346 | 6 | (00000)-() | BOLT, Carriage, 5/16-18 x 3/4 |
| 5 | 917397 | 2 | (00000)-() | CAPSCREW, Hex Hd., 5/16-18 x 3/4 |
| 6 | 917356 | 8 | (00000)-() | LOCKWASHER, 5/16 |
| 7 | 917372 | 6 | (00000)-() | NUT, Hex, Full, 5/16-18 |
| 8 | 920470 | 2 | (00000)-() | NUT, Speed, Tinn., 5/16-18 |
| 9 | 1657270 | 1 | (00000)-() | FOOT PEDAL ASSEMBLY |
| 10 | 108419 | 2 | (00000)-() | BUSHING |
| 11 | 157300 | 1 | (00000)-() | ARM, Pedal Foot |
| 12 | 917378 | 1 | (00000)-() | WASHER, 3/8 |
| 13 | 916965 | 1 | (00000)-() | LOCKWASHER, 3/8 |
| 14 | 916950 | 1 | (00000)-() | NUT, Hex, Full, 3/8-16 |
| 15 | 157625 | 1 | (00000)-() | FRONT LIFT LEVER ASSEMBLY |
| 16 | 174111 | 1 | (00000)-() | LIFT SHAFT ASSEMBLY |
| 17 | 171593 | 1 | (00000)-() | LIFT LEVER ASSEMBLY |
| 18 | 170975 | 2 | (00000)-() | BEARING, Lift Lever |
| 19 | 157624 | 2 | (00000)-() | SET, Collar |
| 20 | 928709 | 2 | (00000)-() | SETSCREW, Cup Pt., 5/16-18 x 3/8 |
| 21 | 157652 | 4 | (00000)-() | KEY |
| 22 | 928734 | 4 | (00000)-() | SETSCREW, Soc. Hd., 5/16-18 x 1/4 |
| 23 | 921977 | 2 | (00000)-() | CAPSCREW, Hex Hd., 5/16-18 x 1-1/4 |
| 24 | 917356 | 2 | (00000)-() | LOCKWASHER, 5/16 |
| 25 | 917372 | 2 | (00000)-() | NUT, Hex, Full, 5/16-18 |
| 26 | 1653876 | 1 | (00000)-() | BEARING, Pivot |
| 27 | 928727 | 2 | (00000)-() | CAPSCREW, Whix, 3/8-16 x 1-1/4 |
| 28 | 928352 | 2 | (00000)-() | NUT, Flange, 3/8-16 |
| 29 | 921212 | 4 | (00000)-() | CAPSCREW, Hex Hd., 7/16-14 x 1-1/2 |
| 30 | 918199 | 4 | (00000)-() | LOCKWASHER, 7/16 |










| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|--|
| 1 | 171483 | 2 | (00000)-() | WHEEL & TIRE ASSEMBLY (7010 Only) |
| 2 | 156305 | 2 | (00000)-() | VALVE STEM & CAP (7010 Only) |
| 3 | 153037 | 2 | (00000)-() | TIRE (7010 Only) |
| 4 | 153038 | 2 | (00000)-() | TUBE (7010 Only) |
| 5 | 171484 | 2 | (00000)-() | WHEEL ASSEMBLY (7010 Only) |
| 6 | 154393 | 4 | (00000)-() | CUP, Bearing (7010 Only) |
| 7 | | 2 | (00000)-() | WHEEL (7010 Only) |
| 8 | 154486 | 4 | (00000)-() | CONE, Bearing |
| 9 | 171375 | 4 | (00000)-() | SPACER |
| 10 | 170168 | 2 | (00000)-() | SEAL |
| 11 | 8021010 | 3 | (00000)-() | COLLAR, Set |
| 12 | 928691 | 2 | (00000)-() | SETSCREW, Sq. Hd., Cup Pt., 5/16-18 x 5/16 |
| 13 | 154487 | 2 | (00000)-() | CAP, Hub |
| 14 | 171774 | 1 | (00000)-() | SPINDLE ASSY, L.H. |
| 15 | 108181 | 2 | (00000)-() | WASHER |
| 16 | 170998 | 3 | (00000)-() | ARM, Steering, L.H. |
| 17 | 157427 | 2 | (00000)-() | KEY, Square |
| 18 | 928721 | 2 | (00000)-() | SETSCREW, 5/16-18 x 1/2 |
| 19 | 157494 | 1 | (00000)-() | SPINDLE ASSY, R.H. |
| 20 | 8061012 | 1 | (00000)-() | WASHER |
| 21 | 927794 | 1 | (00000)-() | RING, Retaining, No. 75 |
| 22 | 927469 | 1 | (00000)-() | CAPSCREW, Hex Hd., 1/2-13 x 2-1/4 |
| 23 | 918431 | 2 | (00000)-() | WASHER, Plain, 1/2 |
| 24 | 157618 | 1 | (00000)-() | SPACER |
| 25 | 930648 | 1 | (00000)-() | LOCKNUT, Hex, 1/2-13 |
| 26 | 913744 | 1 | (00000)-() | NUT, Jam Hex, 1/2-13 |
| 27 | 1650553 | 1 | (00000)-() | FRONT AXLE ASSY |
| 28 | 154289 | 4 | (00000)-() | BUSHING |
| 29 | 914687 | 3 | (00000)-() | FITTING, Grease |
| 30 | 157499 | 1 | (00000)-() | TIE ROD ASSY |
| 31 | 154177 | 2 | (00000)-() | SPACER |
| 32 | 917400 | 2 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4 |
| 33 | 916965 | 2 | (00000)-() | LOCKWASHER, 3/8 |
| 34 | 917378 | 2 | (00000)-() | WASHER, Plain, 3/8 |
| 35 | 916950 | 2 | (00000)-() | NUT, Hex, 3/8-16 |
| 36 | 171830 | 1 | (00000)-() | LINK, Drag |
| 37 | 164272 | 2 | (00000)-() | JOINT, Ball |
| 38 | 919262 | 2 | (00000)-() | NUT, Jam Hex, 1/2-20 |
| 39 | 930633 | 2 | (00000)-() | LOCKNUT, Hex, 1/2-20 |
| 40 | 171832 | 1 | (00000)-() | STEERING HOUSING ASSEMBLY |
| 41 | 170960 | 1 | (00000)-() | HOUSING, Steering |
| 42 | 170992 | 1 | (00000)-() | BUSHING |
| 43 | 154258 | 2 | (00000)-() | BEARING, Needle |
| 44 | 170999 | 1 | (00000)-() | STEERING ARM ASSEMBLY |
| 45 | 170987 | 1 | (00000)-() | GEAR, Bevel |
| 46 | 918430 | 1 | (00000)-() | WASHER, Plain, 7/16 |
| 47 | 924058 | 1 | (00000)-() | LOCKNUT, Hex, 7/16-14 |
| 48 | 171020 | 1 | (00000)-() | SHAFT, Steering |
| 49 | 910224 | 1 | (00000)-() | KEY, Woodruff, No. 6, 5/32 x 5/8 |
| 50 | 170988 | 1 | (00000)-() | PINION, Bevel |

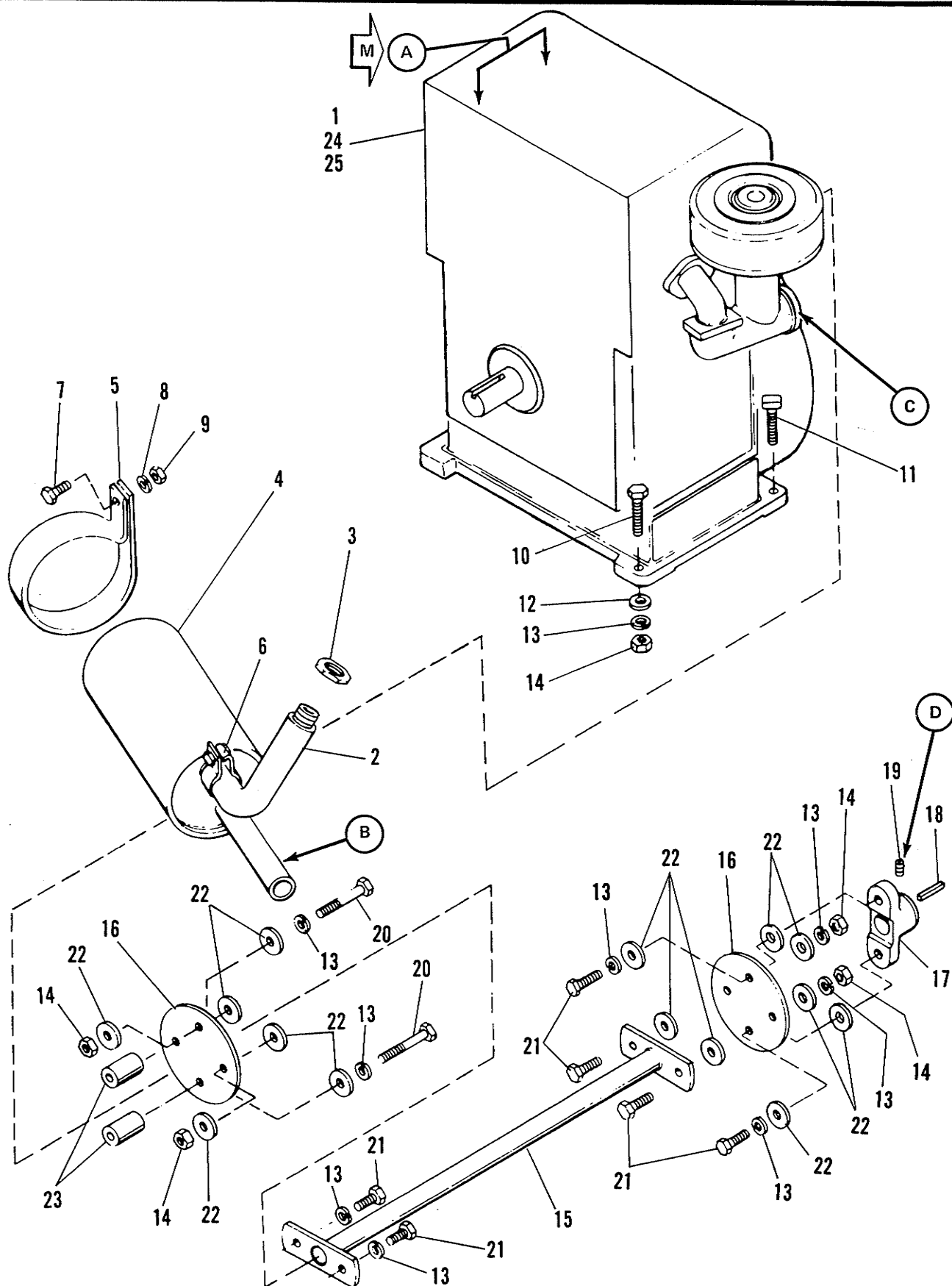
NOTE: PARTS REF. NO. 51-71 CONTINUED
ON THE FOLLOWING PAGE.

| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|--|
| 51 | 1602155 | 1 | (00000)-() | "E" RING |
| 52 | 171000 | 1 | (00000)-() | PLATE, Steering |
| 53 | 917400 | 2 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4 |
| 54 | 928731 | 2 | (00000)-() | LOCKNUT, 3/8-16 |
| 56 | 928734 | 1 | (00000)-() | SETSCREW, Sq. Hd., 5/16-18 x 1/4 |
| 57 | 154264 | 1 | (00000)-() | RING, Retaining |
| 58 | 158223 | 3 | (00000)-() | WASHER |
| 59 | 1606342 | 1 | (00000)-() | WHEEL, Steering |
| 60 | 921977 | 1 | (00000)-() | CAPSCREW, Hex Hd., 5/16-18 x 1-1/4 |
| 61 | 929001 | 1 | (00000)-() | LOCKNUT, Flange, 5/16-18 |
| 62 | 173431 | 2 | (00000)-() | WHEEL & TIRE ASSEMBLY |
| 63 | 157024 | 2 | (00000)-() | TIRE 23-8.50 x 12 |
| 64 | 157602 | 2 | (00000)-() | TUBE |
| 65 | 172353 | 2 | (00000)-() | STEM & VALVE CAP |
| 66 | 173430 | 2 | (00000)-() | WHEEL, Drive |
| 67 | 8261100 | 10 | (00000)-() | BOLT, Hub |
| 68 | 173432 | 2 | (00000)-() | WHEEL & TIRE ASSEMBLY 23-10.50 x 12 (7016 Only) |
| 69 | 1605967 | 2 | (00000)-() | TIRE (7016 Only) |
| 70 | 157638 | 2 | (00000)-() | TUBE (7016 Only) |
| 71 | 173430 | 2 | (00000)-() | WHEEL DRIVE (7016 Only) |
| 72 | 171376 | 2 | (00000)-() | WHEEL & TIRE ASSY |
| 73 | 157490 | 2 | (00000)-() | TIRE |
| 74 | 164247 | 2 | (00000)-() | TUBE |
| 75 | 171377 | 2 | (00000)-() | WHEEL ASSY |
| 76 | | 2 | (00000)-() | WHEEL |


NOTE: PARTS REF. NO. 1-50 FOUND ON
PRECEDING PAGE

WHEELS, AXLE & STEERING GROUP

- A. Torque to 13 Ft. Lbs. Min. (2 Places).
- B. 930633 Nut — Torque to 40-60 Ft. Lbs. (2 Places). 
- C. Torque to 15-22 Ft. Lbs. (2 Places).
- D. Timing marks on pinion 170988 and gear 170987 must be in line. Do not brush grease on tooth surfaces of gear and pinion. 
- E. Torque 16-21 Ft. Lbs.
- F. Remove backlash in assembly by turning capscrew 917400 until backlash is set and lock by tightening locknut 928731 against plate 171000.
- G. Torque 25-33 Ft. Lbs.
- H. Torque nut 930648 to 80-100 Ft. Lbs. Lock nut in place after torquing by holding nut 930648 and tightening jam nut 913744 to 45-55 Ft. Lbs. 
- I. Axle assembly 1652104 must pivot freely after assembly. 
- J. Assembly items on front spindle in order listed.
- a. 171375 spacer
 - b. 170168 seal
 - c. 154486 bearing
 - d. Wheel & Tire Assembly (171483 for 10 H.P. & 171376 for 13 & 16 H.P.)
 - e. 154486 bearing
 - f. 171375 spacer
 - g. 8021010 Collar & 928641 setscrew — Torque setscrews to 9-10 Ft. Lbs. Min. 
 - h. 154487 hub cap
- Apply lithium grease to bearings 154486 at time of assembly. After assembly is complete, bearings must rotate freely without end play. 
- K. Hold ball joints when tightening jam nuts (2 Places). 
- L. NOTE: Adjust length of drag link assembly 1650571 by positioning end ball joints so that front wheels will be in the straight ahead position when the steering gear arm is positioned at approx. 19° as shown. The steering wheel mounting hole \mathcal{Q} is to be parallel to fore and aft \mathcal{Q} of tractor.
- M. NOTE: Tire pressure as received from vendor = 20 PSI Min. at time of assembly.
- N. Use standard hardware torque Spec. No. 173209 unless otherwise noted.
- O. Apply grease to spindle bearings (2 Places).



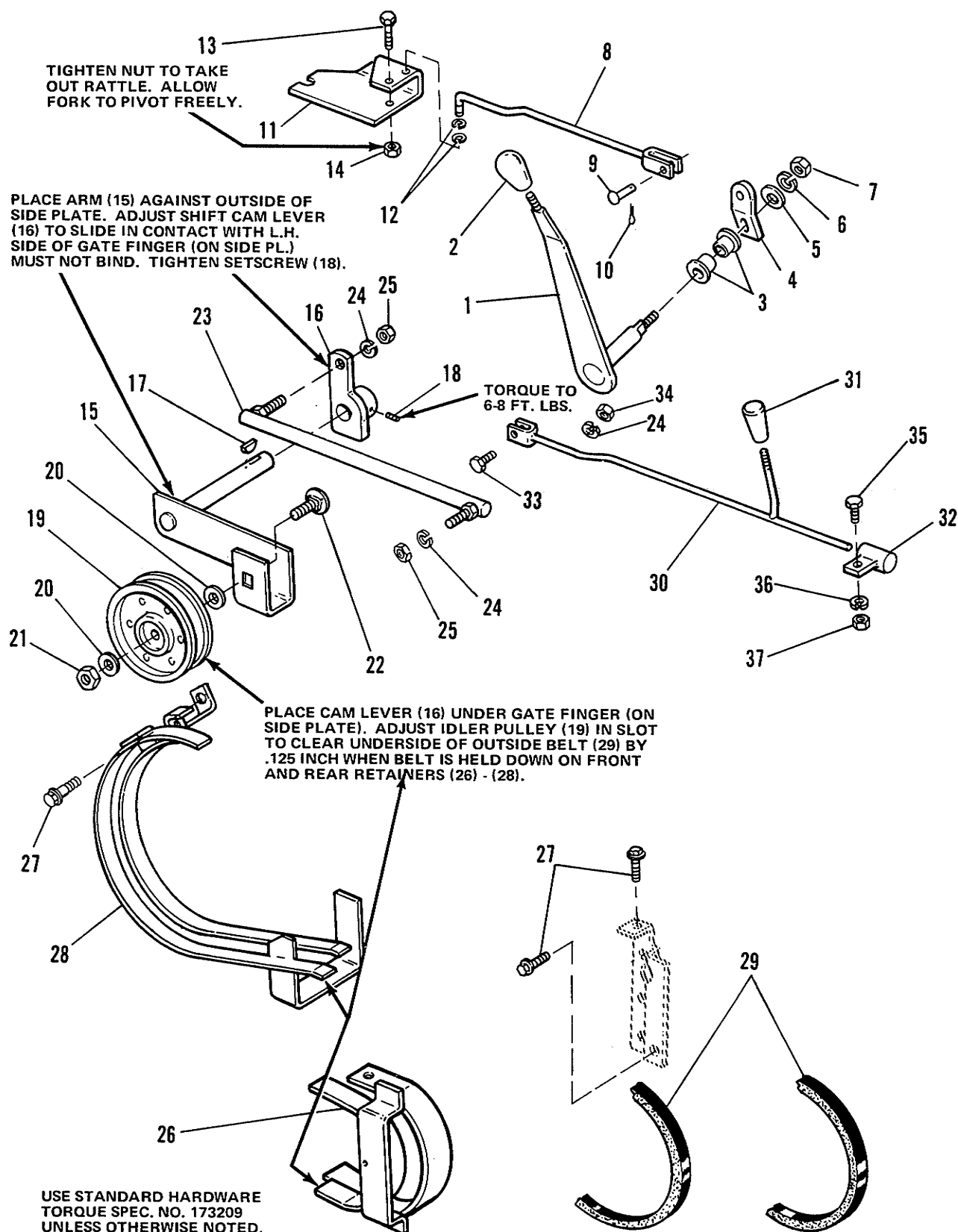
| Ref. No. | Part No. | Qty. | Serial No. | Description |
|----------|----------|------|-------------|------------------------------------|
| 1 | | 1 | (00000)-() | ENGINE, 10 H.P.- Briggs & Stratton |
| 2 | 1656492 | 1 | (00000)-() | ELBOW & NIPPLE ASSEMBLY |
| 3 | 154378 | 1 | (00000)-() | LOCKNUT |
| 4 | 170456 | 1 | (00000)-() | MUFFLER |
| 5 | 171880 | 1 | (00000)-() | STRAP, Muffler |
| 6 | 172061 | 1 | (00000)-() | CLAMP, Muffler |
| 7 | 919318 | 1 | (00000)-() | CAPSCREW, Hex Hd., 5/16-18 x 5/8 |
| 8 | 917356 | 1 | (00000)-() | LOCKWASHER, 5/16 |
| 9 | 917372 | 1 | (00000)-() | NUT, Hex, 5/16-18 |
| 10 | 919360 | 3 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 1-1/2 |
| 11 | 172455 | 1 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 1-5/16 |
| 12 | 917378 | 4 | (00000)-() | WASHER, 3/8 |
| 13 | 916965 | 12 | (00000)-() | LOCKWASHER, 3/8 |
| 14 | 916950 | 8 | (00000)-() | NUT, Hex, 3/8-16 |
| 15 | 172328 | 1 | (00000)-() | DRIVESHAFT ASSEMBLY |
| 16 | 173026 | 2 | (00000)-() | COUPLING |
| 17 | 172264 | 1 | (00000)-() | FLANGE, DRIVESHAFT |
| 18 | 157427 | 1 | (00000)-() | KEY, Driveshaft |
| 19 | 924624 | 1 | (00000)-() | SETSCREW, 3/8-24 x 3/8 |
| 20 | 922130 | 2 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 2-1/4 |
| 21 | 920415 | 6 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4 |
| 22 | 157424 | 16 | (00000)-() | WASHER, Special |
| 23 | 1656397 | 2 | (00000)-() | SPACER |
| 24 | | 1 | (00000)-() | ENGINE, 16 H.P.-Briggs & Stratton |

- A. Remove two head bolts, attach bracket No. 1656452 and torque head bolts to 190 Ft. Lbs. 
- B. When muffler is assembled onto engine, exhaust pipe must line up with hole inside of hood.
- C. Choke button to be pushed in on dash panel and choke lever on carburetor to be in open position before tightening clamp bolt.
- D. Tighten setscrew after drive shaft assembly has been secured to engine flywheel adaptor.

Use standard hardware torque Spec. No. 173209 unless otherwise noted.

THROTTLE ADJUSTMENT

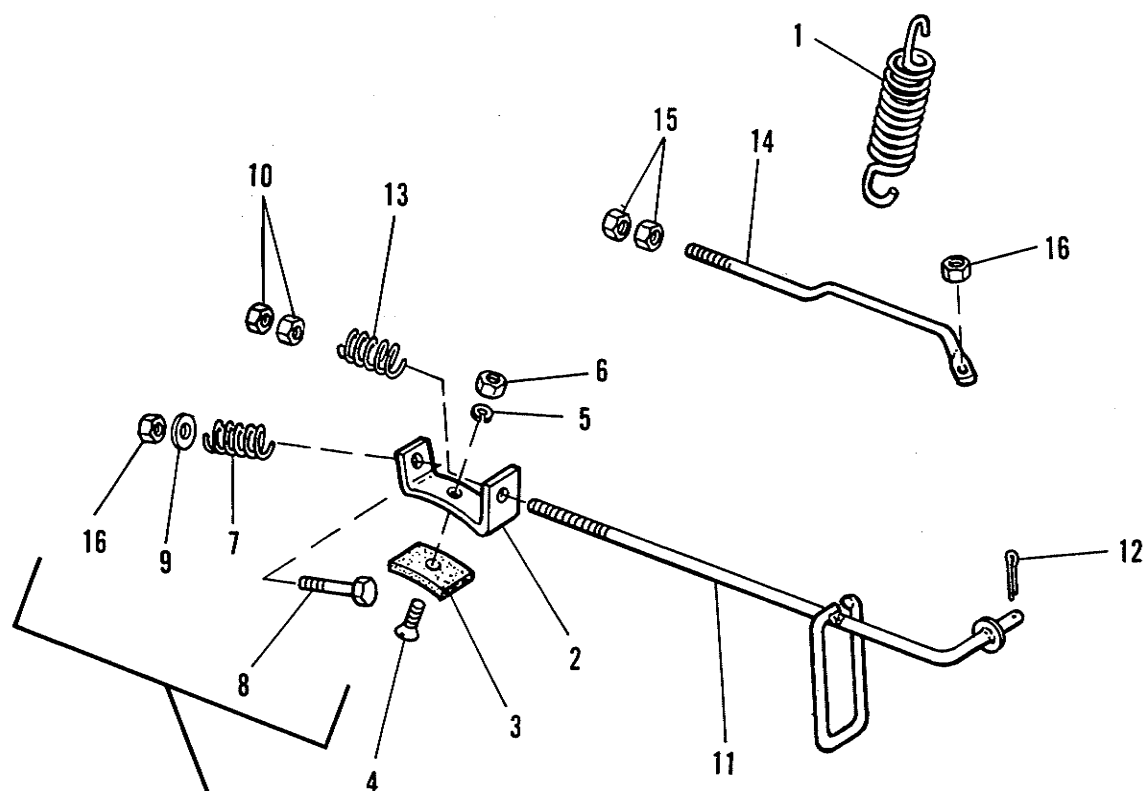
1. Place throttle lever on dash in full throttle position — up and forward against stop.
2. Install end of throttle control cable wire into engine throttle control rod.
3. Raise engine throttle rod until lower adjusting nut is against stop.
4. Hold lower adjusting nut up against stop and secure cable clamp.
5. Move throttle control lever through full range and back to full throttle position to check adjustment.



| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|------------------------------------|
| 1 | 1656454 | 1 | (00000)-() | CONTROL LEVER ASSEMBLY |
| 2 | 172038 | 1 | (00000)-() | KNOB |
| 3 | 108419 | 2 | (00000)-() | BUSHING, Flanged |
| 4 | 164123 | 1 | (00000)-() | LINK |
| 5 | 917378 | 1 | (00000)-() | WASHER, 3/8 |
| 6 | 916965 | 1 | (00000)-() | LOCKWASHER, 3/8 |
| 7 | 916950 | 1 | (00000)-() | NUT, Hex Full, 3/8-16 |
| 8 | 1656457 | 1 | (00000)-() | CONTROL ROD ASSEMBLY |
| 9 | 1608702 | 1 | (00000)-() | PIN |
| 10 | 918447 | 1 | (00000)-() | PIN, Cotter, 3/32 x 3/4 |
| 11 | 1606567 | 1 | (00000)-() | FORK, Shift |
| 12 | 1602735 | 2 | (00000)-() | RING, E |
| 13 | 917402 | 1 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 2 |
| 14 | 923428 | 1 | (00000)-() | LOCKNUT, Hex, 3/8-16 |
| 15 | 1607025 | 1 | (00000)-() | IDLER ARM ASSEMBLY |
| 16 | 1607026 | 1 | (00000)-() | CAM SHIFT LEVER ASSEMBLY |
| 17 | 905121 | 1 | (00000)-() | KEY, Woodruff, No. 5 1/8 x 5/8 |
| 18 | 928804 | 1 | (00000)-() | SETSCREW, Sq. Hd., 1/4-20 x 1/4 |
| 19 | 1606554 | 1 | (00000)-() | PULLEY (Idler) |
| 20 | 917642 | 2 | (00000)-() | WASHER, 5/16 |
| 21 | 928731 | 1 | (00000)-() | LOCKNUT, Hex, 3/8-16 |
| 22 | 921933 | 1 | (00000)-() | BOLT, Carriage, 3/8-16 x 1-1/4 |
| 23 | 1606568 | 1 | (00000)-() | JOINT, Ball, Dbl. End |
| 24 | 917356 | 3 | (00000)-() | LOCKWASHER, 5/16 |
| 25 | 920263 | 2 | (00000)-() | NUT, Hex, Full, 5/16-24 |
| 26 | 1657077 | 1 | (00000)-() | BELT RETAINER ASSY |
| 27 | 924856 | 3 | (00000)-() | SCREW, Taptite, 5/16-18 x 1/2 |
| 28 | 1608127 | 1 | (00000)-() | REAR RETAINER ASSY |
| 29 | 1607967 | 2 | (00000)-() | BELT, "V" |
| 30 | 171559 | 1 | (00000)-() | SHIFT ROD ASSY |
| 31 | 164180 | 1 | (00000)-() | HANDLE, Shift Rod |
| 32 | 157020 | 1 | (00000)-() | SHIFT ROD GUIDE ASSY |
| 33 | 930570 | 1 | (00000)-() | CAPSCREW, Hex Hd., 5/16-18 x 1-1/2 |
| 34 | 917372 | 1 | (00000)-() | NUT, Hex, Full, 5/16-18 |
| 35 | 921959 | 1 | (00000)-() | CAPSCREW, Hex Hd., 1/4-20 x 5/8 |
| 36 | 916964 | 1 | (00000)-() | LOCKWASHER, 1/4 |
| 37 | 916622 | 1 | (00000)-() | NUT, Hex, Full, 1/4-20 |

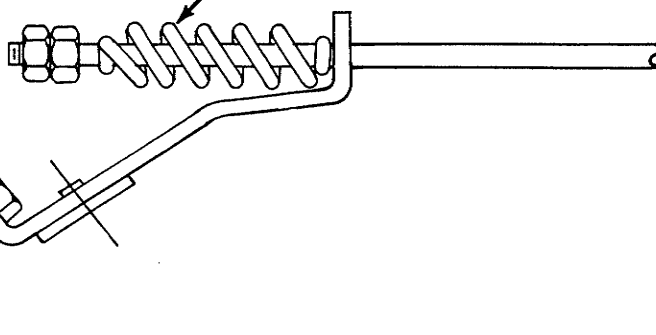
ADJUST TRANSMISSION BRAKE AS FOLLOWS:

- A. PLACE .030 SHIM BETWEEN CAM LEVER AND GATE FINGER (ON SIDE PLATE).
- B. ADJUST AND SET PARKING BRAKE
- C. RUN BRAKE ROD ADJUSTING NUT (15) IN UNTIL IT CONTACTS BRAKE BAND (FINGER TIGHT) PLUS 1/3 TURN (2 FLATS ON NUT), THEN TIGHTEN LOCKING NUT (15).

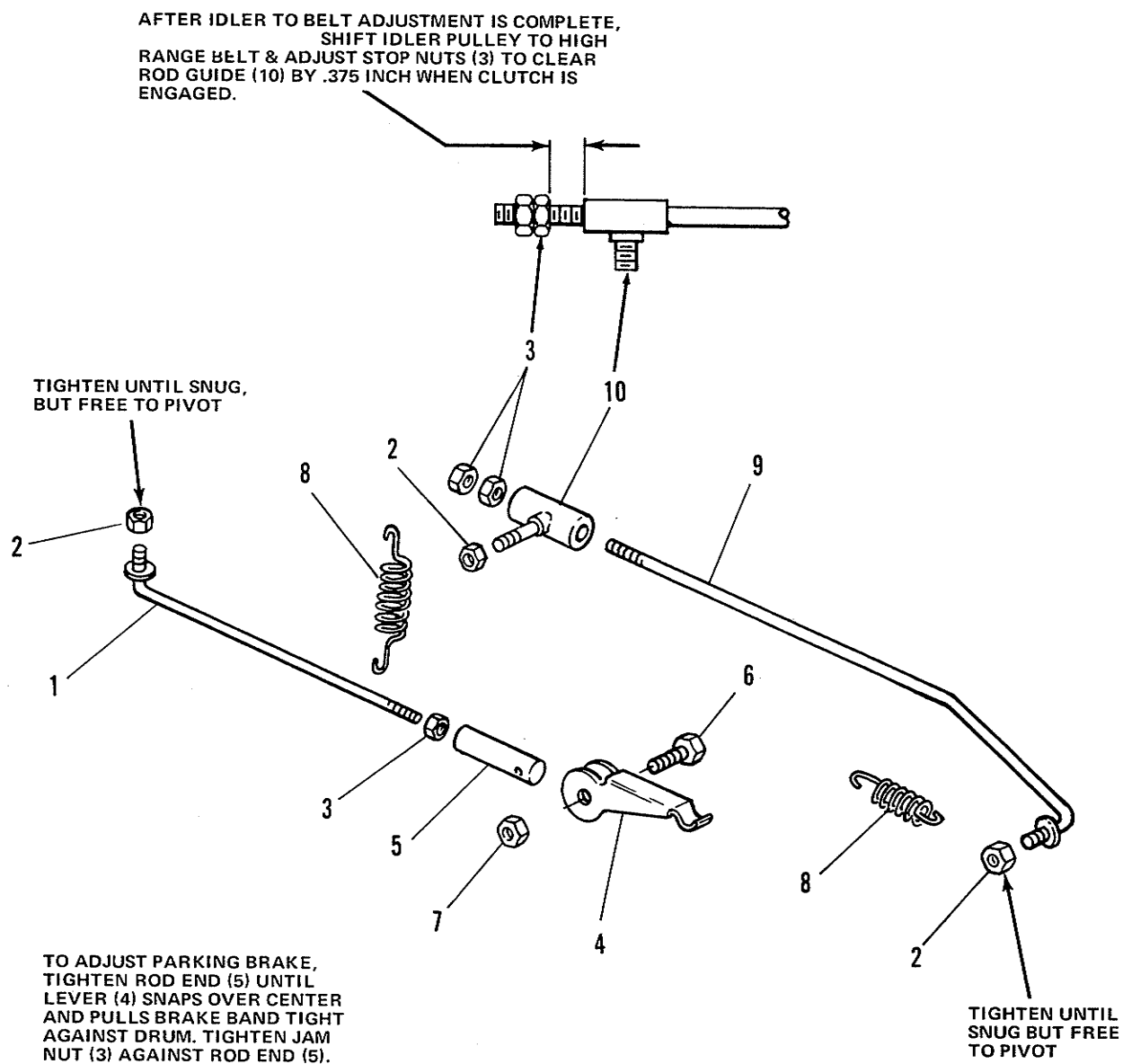


DEPRESS BRAKE/CLUTCH PEDAL UNTIL BRAKE IS ENGAGED AND HOLDING. TIGHTEN NUT (10) UNTIL SPRING (13) IS COMPRESSED SOLID — THEN BACK OFF .19 INCHES, THEN TIGHTEN LOCKING NUT (10).

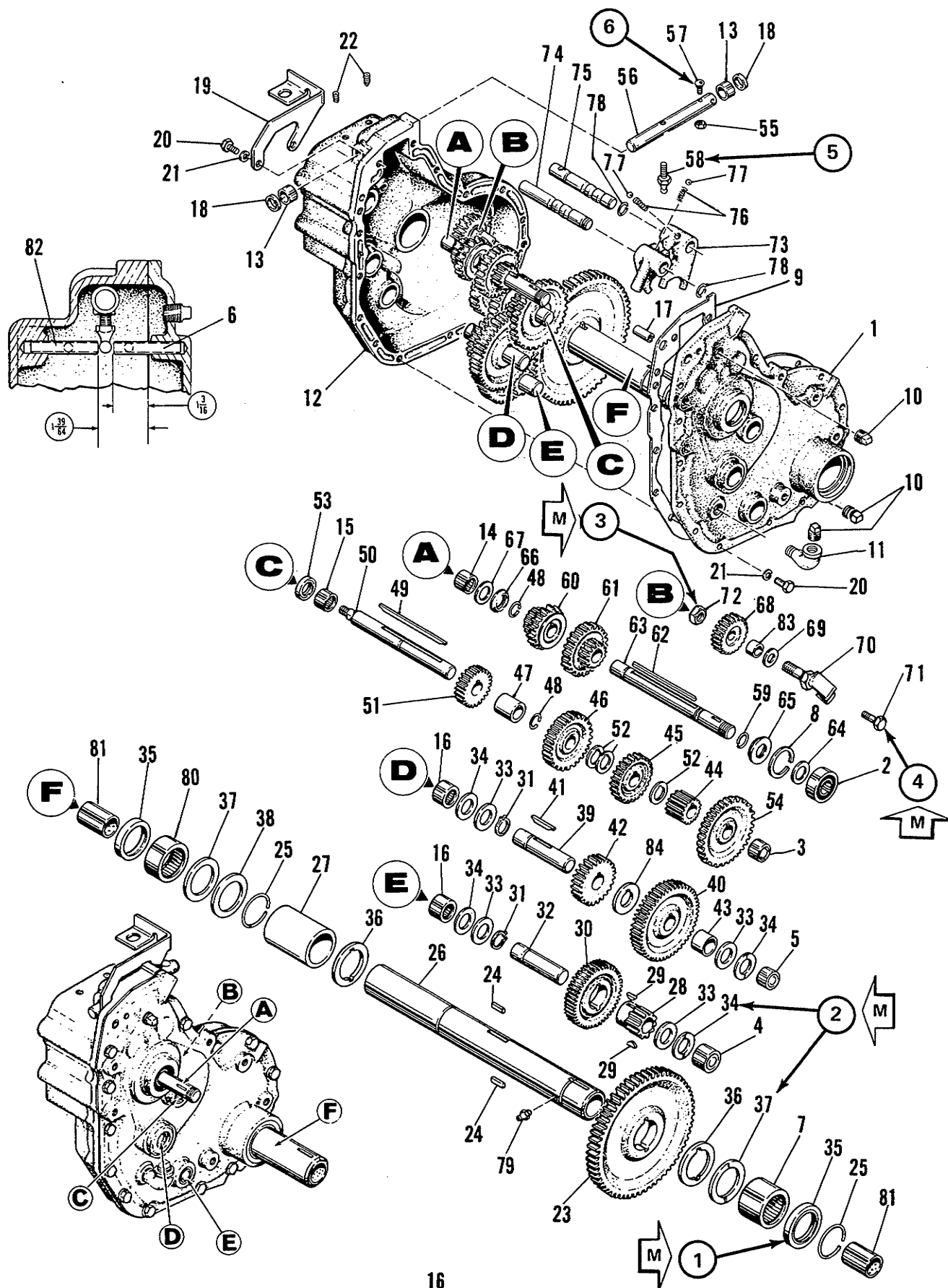
COMPRESS TO
1.38 INCH



| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|---------------------------------|
| 1 | 174896 | 1 | (00000)-() | SPRING |
| 2 | 1607943 | 1 | (00000)-() | STRAP, Pulley Brake |
| 3 | 1610590 | 1 | (00000)-() | BRAKE, Sheave |
| 4 | 926267 | 1 | (00000)-() | SCREW, Machine, No. 10-24 x 5/8 |
| 5 | 917365 | 1 | (00000)-() | LOCKWASHER, No. 10 |
| 6 | 916621 | 1 | (00000)-() | NUT, Hex, Full, No. 10-24 |
| 7 | 1610703 | 1 | (00000)-() | SPRING |
| 8 | 919355 | 1 | (00000)-() | CAPSCREW, 5/16-18 x 1/4 |
| 9 | 917377 | 1 | (00000)-() | WASHER, 1/4 Std. |
| 10 | 917372 | 2 | (00000)-() | NUT, Hex, Full, 5/16-18 |
| 11 | 1608621 | 1 | (00000)-() | PULLEY BRAKE ROD ASSEMBLY |
| 12 | 919313 | 1 | (00000)-() | PIN, Cotter, 3/32 x 1/2 |
| 13 | 157041 | 1 | (00000)-() | SPRING |
| 14 | 172722 | 1 | (00000)-() | ROD, Brake |
| 15 | 916950 | 2 | (00000)-() | NUT, Hex, Full, 3/8-16 |
| 16 | 923362 | 2 | (00000)-() | LOCKNUT, Hex, 5/16-18 |



| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|-----------------------------------|
| 1 | 174708 | 1 | (00000)-() | PARKING BRAKE ROD ASSEMBLY |
| 2 | 923362 | 3 | (00000)-() | LOCKNUT, Hex, .312-18 |
| 3 | 917372 | 3 | (00000)-() | NUT, Hex, Full, .312-18 |
| 4 | 172108 | 1 | (00000)-() | LEVER, Parking Brake |
| 5 | 171994 | 1 | (00000)-() | END, Rod |
| 6 | 926771 | 1 | (00000)-() | CAPSCREW, Hex Hd., .250-20 x 1.25 |
| 7 | 923358 | 1 | (00000)-() | LOCKNUT, Hex, .250-20 |
| 8 | 121037 | 2 | (00000)-() | SPRING |
| 9 | 1656455 | 1 | (00000)-() | CLUTCH & BRAKE ROD ASSEMBLY |
| 10 | 164094 | 1 | (00000)-() | ROD GUIDE ASSEMBLY |







| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|-----------------------------------|
| 1 | 164226 | 1 | {00000}-() | COVER, Gear Case |
| 2 | 108202 | 1 | {00000}-() | BEARING, Ball |
| 3 | 154257 | 1 | {00000}-() | BEARING, Needle |
| 4 | 154259 | 1 | {00000}-() | BEARING, Needle |
| 5 | 154271 | 1 | {00000}-() | BEARING, Needle |
| 6 | 154537 | 1 | {00000}-() | ROLL PIN ASSEMBLY |
| 7 | 157520 | 1 | {00000}-() | BEARING, Needle |
| 8 | 164064 | 1 | {00000}-() | RING, Retaining |
| 9 | 164234 | 1 | {00000}-() | GASKET, Gear Case |
| 10 | 901653 | 3 | {00000}-() | PLUG, Pipe, Sq. Hd., 3/8 |
| 11 | 901723 | 1 | {00000}-() | ELBOW, Street |
| 12 | 157516 | 1 | {00000}-() | GEAR CASE ASSEMBLY |
| 13 | 121084 | 2 | {00000}-() | SPACER, Diff. |
| 14 | 154257 | 1 | {00000}-() | BEARING, Needle |
| 15 | 154258 | 1 | {00000}-() | BEARING, Needle |
| 16 | 154259 | 2 | {00000}-() | BEARING, Needle |
| 17 | 918113 | 2 | {00000}-() | PIN, Spring, 3/8 x 1 |
| 18 | 157619 | 2 | {00000}-() | SEAL, Oil |
| 19 | 164251 | 1 | {00000}-() | SUPPORT, Switch |
| 20 | 916431 | 16 | {00000}-() | CAPSCREW, Hex Hd., 5/16-18 x 1 |
| 21 | 917356 | 16 | {00000}-() | LOCKWASHER, 5/16 |
| 22 | 917231 | 2 | {00000}-() | SETSCREW, Soc. Hd., 5/16-18 x 1/2 |
| 23 | 154095 | 1 | {00000}-() | GEAR, Drive |
| 24 | 154096 | 2 | {00000}-() | KEY |
| 25 | 154268 | 2 | {00000}-() | RING, Snap |
| 26 | 164222 | 1 | {00000}-() | TUBE & BUSHING ASSEMBLY |
| 27 | 154098 | 1 | {00000}-() | SPACER, Axle Tube |
| 28 | 154092 | 1 | {00000}-() | PINION, 3rd Interm. |
| 29 | 910224 | 2 | {00000}-() | KEY, Woodruff, No. 6 |
| 30 | 164051 | 1 | {00000}-() | GEAR, 3rd Interm. |
| 31 | 154266 | 2 | {00000}-() | RING, Retaining |
| 32 | 154091 | 1 | {00000}-() | SHAFT, 3rd Interm. |
| 33 | 172978 | 4 | {00000}-() | WASHER |
| 34 | 172979 | 4 | {00000}-() | WASHER |
| 35 | 154269 | 2 | {00000}-() | SEAL |
| 36 | 154130 | 2 | {00000}-() | WASHER, Axle Tube |
| 37 | 172977 | 2 | {00000}-() | WASHER, Axle Tube |
| 38 | 154097 | 1 | {00000}-() | WASHER, Axle Tube |
| 39 | 154086 | 1 | {00000}-() | SHAFT, 2nd Interm. |
| 40 | 154089 | 1 | {00000}-() | GEAR, 2nd Interm. |
| 41 | 154267 | 1 | {00000}-() | KEY |
| 42 | 164062 | 1 | {00000}-() | PINION, 2nd Interm. |
| 43 | 154090 | 1 | {00000}-() | SPACER |
| 44 | 154079 | 1 | {00000}-() | PINION, 1st Interm. |
| 45 | 154080 | 1 | {00000}-() | PINION, Driver III |
| 46 | 154081 | 1 | {00000}-() | GEAR, Driver II |
| 47 | 154082 | 1 | {00000}-() | SPACER |
| 48 | 154264 | 2 | {00000}-() | RING, Retaining |
| 49 | 154354 | 1 | {00000}-() | KEY |
| 50 | 157290 | 1 | {00000}-() | SHAFT, 1st Interm. |

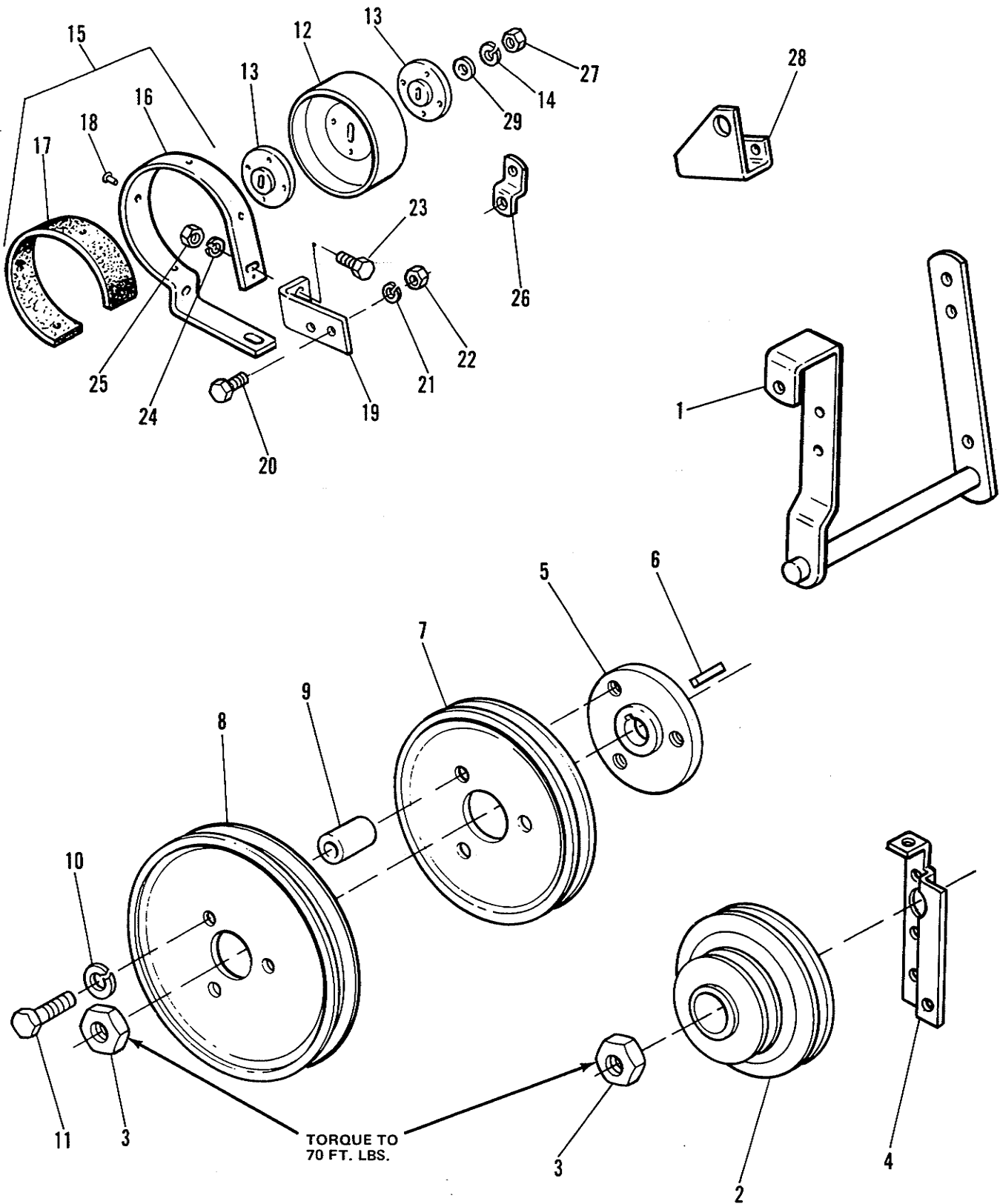
NOTE: PARTS REF. NO. 51-86 CONTINUED
ON THE FOLLOWING PAGE.

| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|-----------------------------------|
| 51 | 174228 | 1 | (00000)-() | PINION, Rev. & IV |
| 52 | 8061012 | 3 | (00000)-() | WASHER |
| 53 | 154263 | 1 | (00000)-() | SEAL, Oil |
| 54 | 154078 | 1 | (00000)-() | GEAR, Driven I |
| 55 | 920161 | 1 | (00000)-() | NUT, Jam Hex, 5/16-18 |
| 56 | 164250 | 1 | (00000)-() | ROD, Shift |
| 57 | 172241 | 1 | (00000)-() | BOLT CARRIAGE, Special |
| 58 | 172779 | 1 | (00000)-() | STEM, Shift |
| 59 | 118134 | 1 | (00000)-() | RING, Retaining |
| 60 | 154072 | 1 | (00000)-() | PINION ASSEMBLY REV. & II |
| 61 | 154075 | 1 | (00000)-() | PINION ASSEMBLY I & II |
| 62 | 164294 | 1 | (00000)-() | KEY |
| 63 | 174338 | 1 | (00000)-() | SHAFT, Pulley |
| 64 | 108472 | 1 | (00000)-() | WASHER |
| 65 | 154462 | 1 | (00000)-() | WASHER |
| 66 | 172981 | 1 | (00000)-() | WASHER |
| 67 | 172982 | 1 | (00000)-() | WASHER |
| 68 | 154087 | 1 | (00000)-() | GEAR, Rev. |
| 69 | 154325 | 1 | (00000)-() | WASHER |
| 70 | 154352 | 1 | (00000)-() | REV. GEAR PIN ASSEMBLY |
| 71 | 917400 | 1 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4 |
| 72 | 930245 | 1 | (00000)-() | LOCKNUT, Hex, 1/2-20 |
| 73 | 154069 | 2 | (00000)-() | FORK, Shift |
| 74 | 154067 | 1 | (00000)-() | SHAFT, Shifter |
| 75 | 154068 | 1 | (00000)-() | SHAFT, Shifter, Hi-Lo |
| 76 | 154323 | 2 | (00000)-() | SPRING |
| 77 | 154262 | 2 | (00000)-() | BALL, Shiftlock |
| 78 | 8061048 | 2 | (00000)-() | RING, Retaining |
| 79 | 912806 | 1 | (00000)-() | FITTING, Grease |
| 80 | 157519 | 1 | (00000)-() | BEARING, Needle |
| 81 | 164224 | 2 | (00000)-() | BUSHING |
| 82 | 154538 | 1 | (00000)-() | ROLL PIN ASSY |
| 83 | 154084 | 1 | (00000)-() | SPACER, Rev. Gear |
| 84 | 154083 | 1 | (00000)-() | WASHER |

NOTE: PARTS REF. NO. 1-50 FOUND ON
PRECEDING PAGE.

TRANSMISSION GROUP

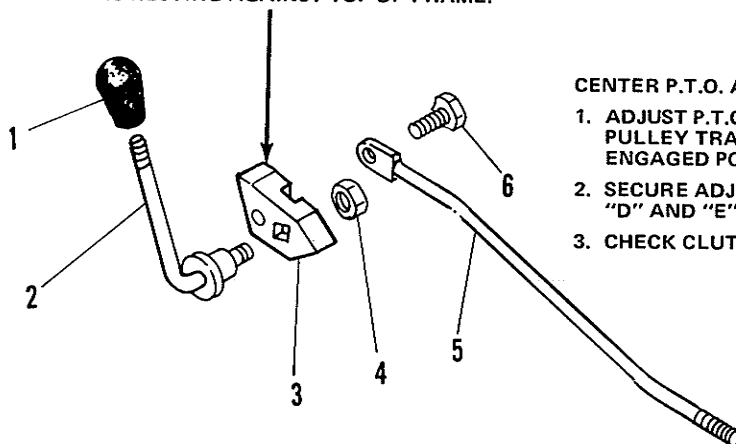
1. Grease inside of lips of all seals before installation. Install seals with springs toward inside. 
2. All fabric washers to be installed with groove facing inside of case and cover. 
3. Torque to 55 Ft. Lbs. 
4. Torque to 20 Ft. Lbs. $\begin{array}{r} + 0 \\ - 3 \end{array}$ 
5. Apply Loctite and torque to 18-23 Ft. Lbs.
6. Adjust carriage bolt to proper height so that safety switch will make contact when transmission is in neutral position.
7. Use Standard Hardware Torque Spec. No. 173209 unless otherwise noted.



USE STANDARD HARDWARE
TORQUE SPEC. NO. 173209
UNLESS OTHERWISE NOTED.

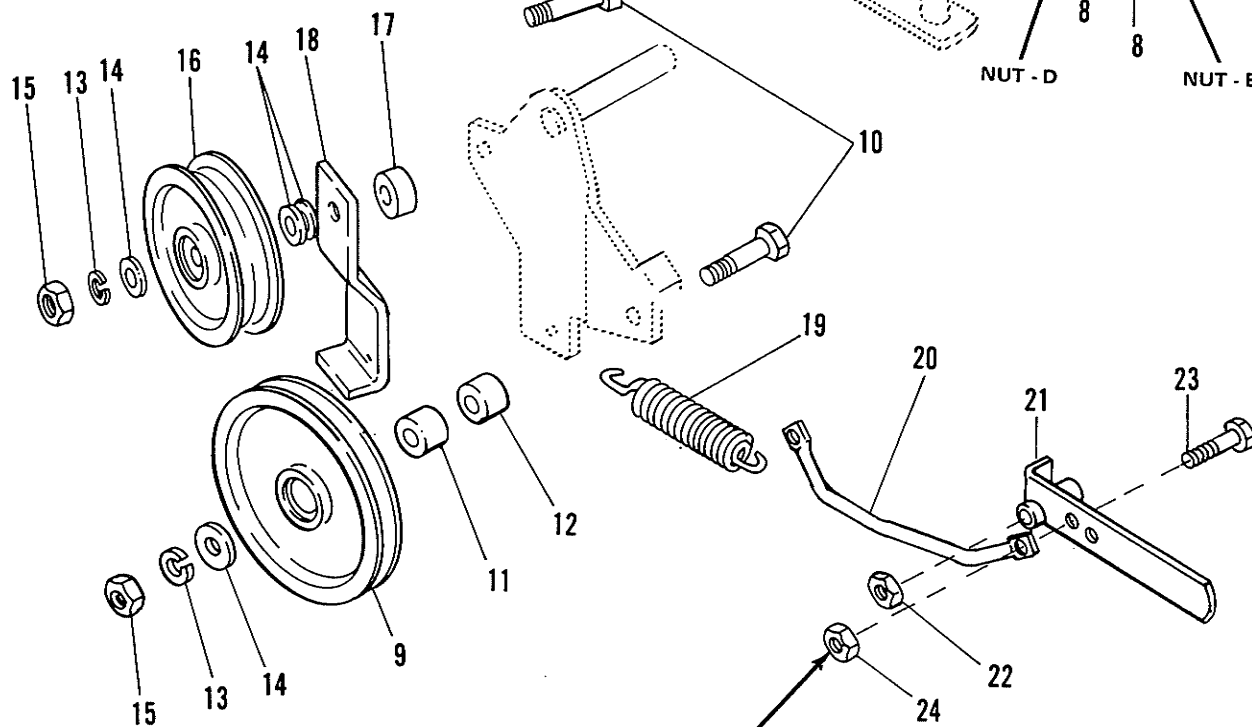
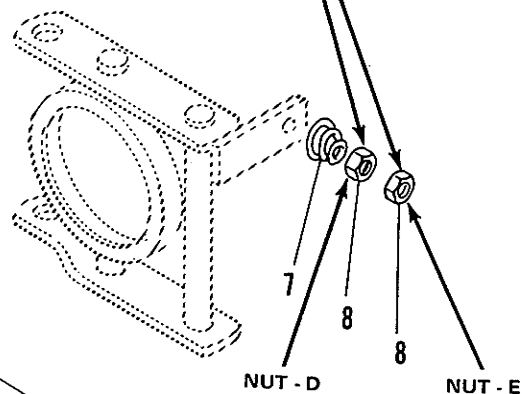
| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|-----------------------------------|
| 1 | 1656459 | 1 | (00000)-() | PIVOT LEVER ASSEMBLY |
| 2 | 1608322 | 1 | (00000)-() | FRONT PULLEY ASSEMBLY |
| 3 | 922133 | 2 | (00000)-() | LOCKNUT, Jam, 3/4-16 |
| 4 | 1608304 | 1 | (00000)-() | SUPPORT, Belt Retainer |
| 5 | 1608309 | 1 | (00000)-() | HUB, Pulley |
| 6 | 905123 | 1 | (00000)-() | KEY, Woodruff, No. 9 |
| 7 | 1608122 | 1 | (00000)-() | SHEAVE |
| 8 | 174420 | 1 | (00000)-() | SHEAVE |
| 9 | 1608310 | 3 | (00000)-() | SPACER |
| 10 | 917356 | 3 | (00000)-() | LOCKWASHER, 5/16 |
| 11 | 919354 | 3 | (00000)-() | CAPSCREW, Hex Hd., 5/16-18 x 2 |
| 12 | 157282 | 1 | (00000)-() | DRUM, Brake |
| 13 | 158196 | 2 | (00000)-() | WASHER, Special |
| 14 | 918199 | 1 | (00000)-() | LOCKWASHER, 7/16 |
| 15 | 171497 | 1 | (00000)-() | BRAKE BAND ASSEMBLY |
| 16 | 171482 | 1 | (00000)-() | BAND, Brake |
| 17 | 154133 | 1 | (00000)-() | LINING, Brake |
| 18 | 907166 | 4 | (00000)-() | RIVET, Tubular |
| 19 | 164113 | 1 | (00000)-() | BRACKET, Brake Band |
| 20 | 917400 | 2 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4 |
| 21 | 916965 | 2 | (00000)-() | LOCKWASHER, 3/8 |
| 22 | 916950 | 2 | (00000)-() | NUT, Hex Full, 3/8-16 |
| 23 | 916019 | 2 | (00000)-() | CAPSCREW, Hex Hd., 1/4-20 x 3/4 |
| 24 | 916964 | 2 | (00000)-() | LOCKWASHER, 1/4 |
| 25 | 916622 | 2 | (00000)-() | NUT, Hex Full, 1/4-20 |
| 26 | 174893 | 1 | (00000)-() | CLIP, Spring |
| 27 | 918213 | 1 | (00000)-() | NUT, Hex Full, 7/16-14 |
| 28 | 1607027 | 1 | (00000)-() | BEARING, Idler Pivot |
| 29 | 917378 | 1 | (00000)-() | WASHER, 3/8 |

ADJUST P.T.O. INTERLOCK SWITCH 177522
TO MAKE CONTACT WHEN LEVER 173991
IS RESTING AGAINST TOP OF FRAME.



CENTER P.T.O. ADJUSTMENT

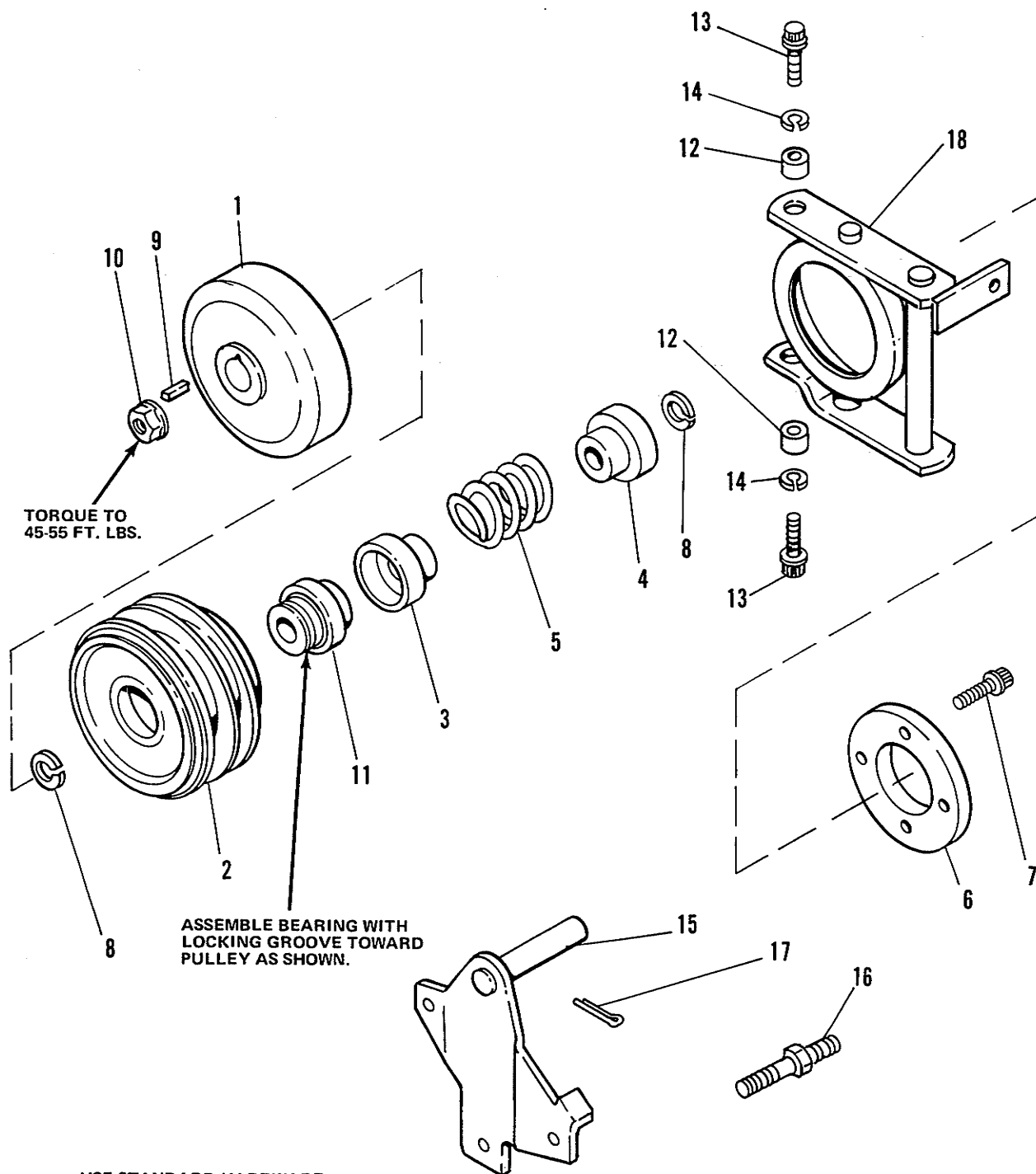
1. ADJUST P.T.O. ADJUSTMENT NUT "D" UNTIL PULLEY TRAVEL FROM ENGAGED TO DIS-ENGAGED POSITION EQUALS .12 INCHES.
2. SECURE ADJUSTMENT BY LOCKING NUTS "D" AND "E" TOGETHER.
3. CHECK CLUTCH FOR PROPER DISENGAGEMENT.



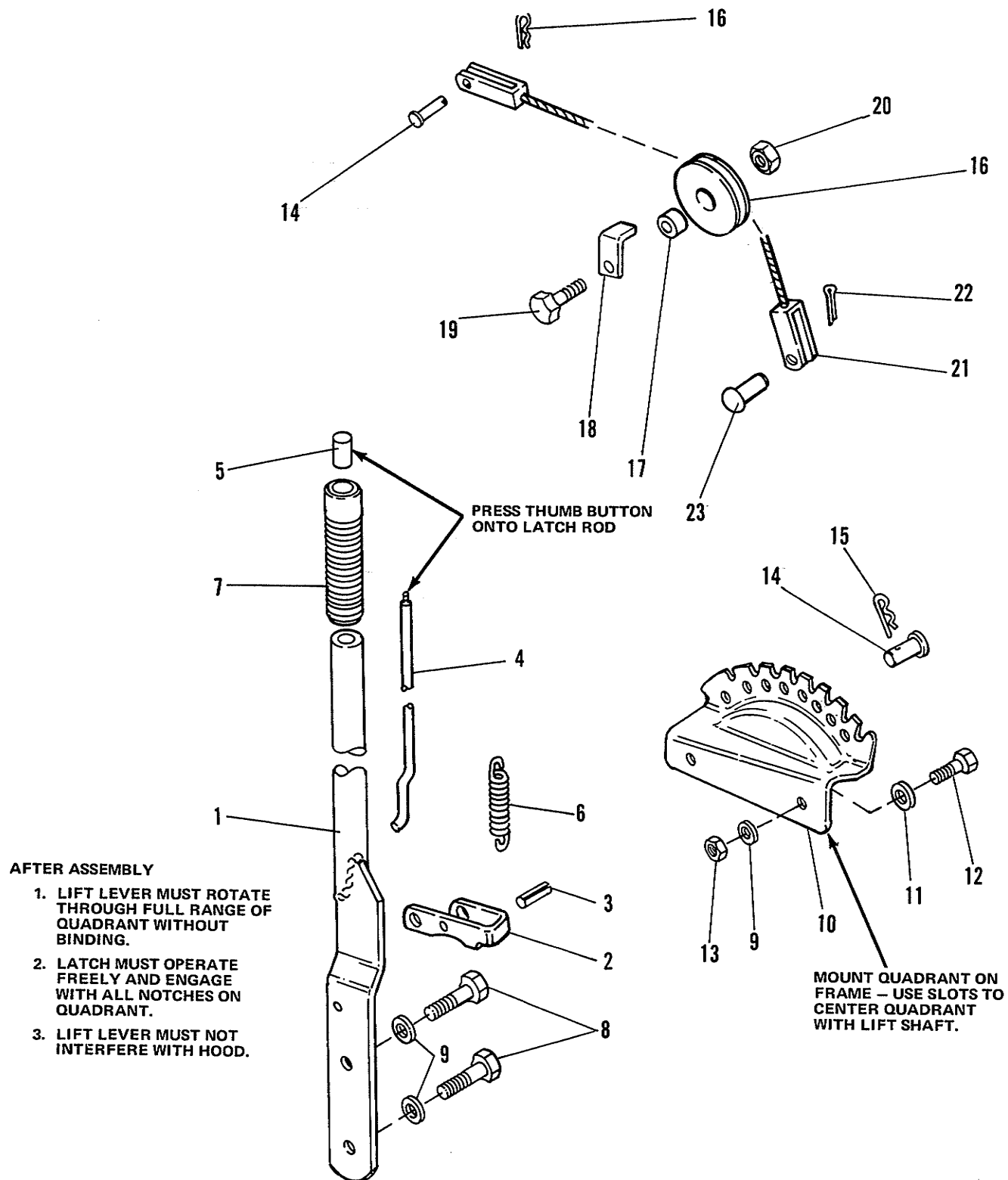
USE STANDARD HARDWARE
TORQUE SPEC. NO. 173209
UNLESS OTHERWISE NOTED.

HANDLE ASSEMBLY MUST PIVOT
FREELY AFTER NUT IS TIGHTENED.

| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|----------------------------------|
| 1 | 172038 | 1 | (00000)-() | KNOB |
| 2 | 174664 | 1 | (00000)-() | HANDLE, Clutch P.T.O. |
| 3 | 173991 | 1 | (00000)-() | LEVER |
| 4 | 923428 | 1 | (00000)-() | LOCKNUT, Hex, 3/8-16 |
| 5 | 173988 | 1 | (00000)-() | CONTROL ROD ASSEMBLY |
| 6 | 174686 | 1 | (00000)-() | CAPSCREW, Special |
| 7 | 175316 | 1 | (00000)-() | SPRING |
| 8 | 917372 | 2 | (00000)-() | NUT, Hex, Full, 5/16-18 |
| 9 | 173982 | 1 | (00000)-() | PULLEY |
| 10 | 917402 | 2 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 2 |
| 11 | 170291 | 1 | (00000)-() | SPACER |
| 12 | 172329 | 1 | (00000)-() | SPACER |
| 13 | 916965 | 2 | (00000)-() | LOCKWASHER, 3/8 |
| 14 | 917642 | 4 | (00000)-() | WASHER, 5/16 |
| 15 | 916950 | 2 | (00000)-() | NUT, Hex, Full, 3/8-16 |
| 16 | 105306 | 1 | (00000)-() | PULLEY |
| 17 | 157081 | 1 | (00000)-() | SPACER |
| 18 | 170289 | 1 | (00000)-() | STOP, Belt |
| 19 | 157262 | 1 | (00000)-() | SPRING, Tension |
| 20 | 164047 | 1 | (00000)-() | ROD, Tension |
| 21 | 164155 | 1 | (00000)-() | HANDLE ASSEMBLY |
| 22 | 924058 | 1 | (00000)-() | LOCKNUT, Hex, 7/16-14 |
| 23 | 917397 | 1 | (00000)-() | CAPSCREW, Hex Hd., 5/16-18 x 3/4 |
| 24 | 923362 | 1 | (00000)-() | LOCKNUT, Hex, 5/16-18 |



| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|----------------------------------|
| 1 | 174862 | 1 | (00000)-() | CLUTCH PLATE ASSEMBLY |
| 2 | 1650304 | 1 | (00000)-() | PULLEY |
| 3 | 1650252 | 1 | (00000)-() | GUIDE, Spring |
| 4 | 1650264 | 1 | (00000)-() | GUIDE, Spring |
| 5 | 171772 | 1 | (00000)-() | SPRING |
| 6 | 173957 | 1 | (00000)-() | DISC, Brake |
| 7 | 920036 | 4 | (00000)-() | CAPSCREW, Skt. Hd., 1/4-20 x 5/8 |
| 8 | 172206 | 2 | (00000)-() | RING, Retaining |
| 9 | 8061081 | 1 | (00000)-() | KEY |
| 10 | 930644 | 1 | (00000)-() | LOCKNUT, Flange, 1/2-13 |
| 11 | 1650254 | 1 | (00000)-() | BEARING ASSEMBLY |
| 12 | 171371 | 2 | (00000)-() | SPACER |
| 13 | 1651450 | 2 | (00000)-() | SCREW, Thd. Forming |
| 14 | 917356 | 2 | (00000)-() | LOCKWASHER, 5/16 |
| 15 | 174455 | | (00000)-() | PIVOT ARM ASSEMBLY |
| 16 | 157273 | 1 | (00000)-() | STUD |
| 17 | 918459 | 1 | (00000)-() | PIN, Cotter, 3/16 x 1-1/2 |
| 18 | 1650906 | 1 | (00000)-() | PIVOT ASSEMBLY |



**PRESS THUMB BUTTON
ONTO LATCH ROD**

**MOUNT QUADRANT ON
FRAME – USE SLOTS TO
CENTER QUADRANT
WITH LIFT SHAFT.**

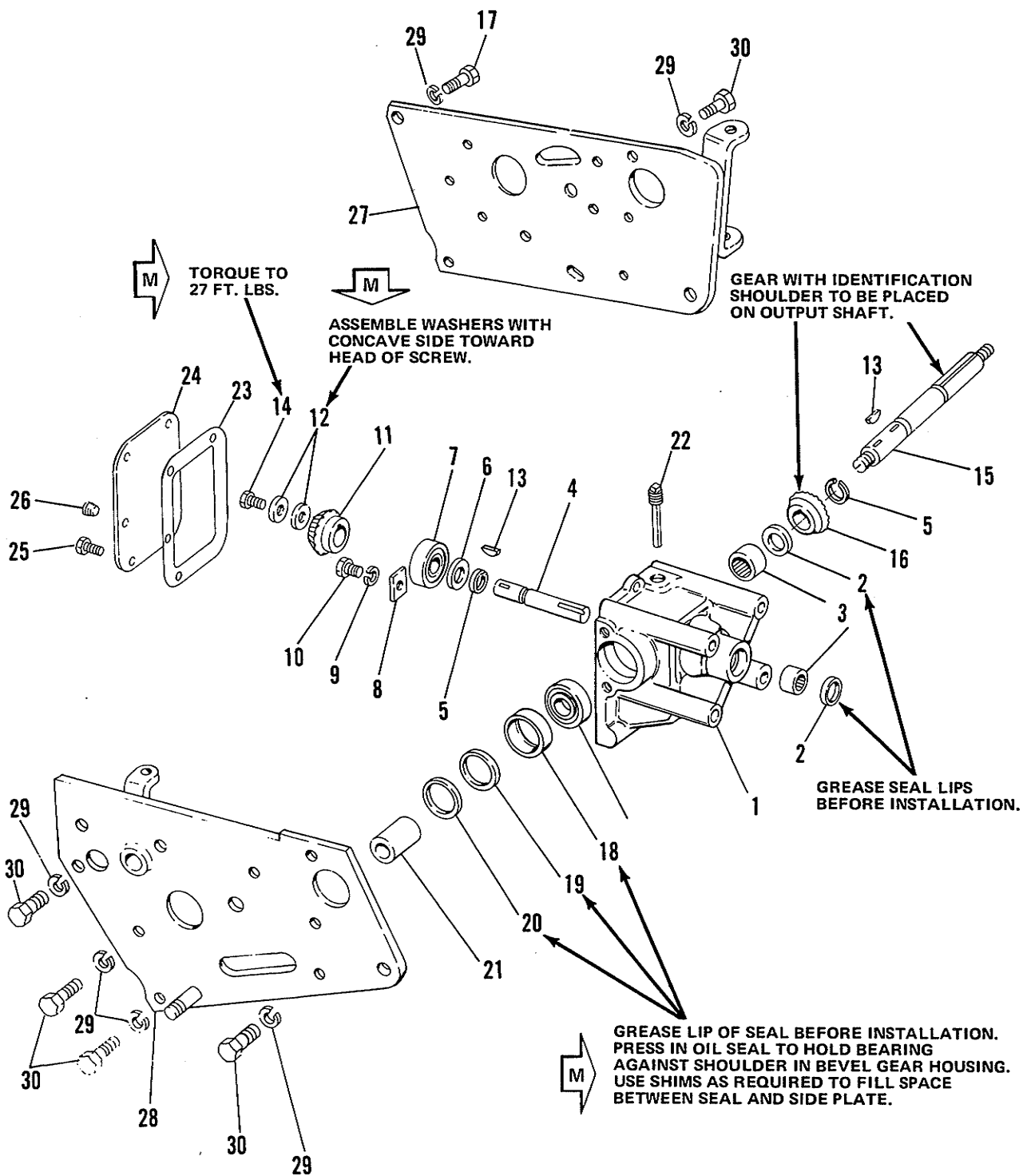
AFTER ASSEMBLY

1. **LIFT LEVER MUST ROTATE THROUGH FULL RANGE OF QUADRANT WITHOUT BINDING.**
2. **LATCH MUST OPERATE FREELY AND ENGAGE WITH ALL NOTCHES ON QUADRANT.**
3. **LIFT LEVER MUST NOT INTERFERE WITH HOOD.**

**USE STD. HARDWARE TORQUE SPEC NO.
173209 UNLESS OTHERWISE NOTED**

| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|---------------------------------|
| 1 | 1651389 | 1 | (00000)-() | LIFT LEVER ASSEMBLY |
| 2 | 173039 | 1 | (00000)-() | LATCH, Lift Lever |
| 3 | 918390 | 1 | (00000)-() | PIN, Spring, 3/8 x 1-1/4 |
| 4 | 1651197 | 1 | (00000)-() | ROD, Latch |
| 5 | 1650157 | 1 | (00000)-() | BUTTON |
| 6 | 1650155 | 1 | (00000)-() | SPRING |
| 7 | 156209 | 1 | (00000)-() | GRIP |
| 8 | 923490 | 2 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 1 |
| 9 | 916965 | 4 | (00000)-() | LOCKWASHER, 3/8 |
| 10 | 171599 | 1 | (00000)-() | QUADRANT |
| 11 | 917642 | 2 | (00000)-() | WASHER, 5/16 |
| 12 | 908127 | 2 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 3/4 |
| 13 | 916950 | 2 | (00000)-() | NUT, Hex, Full, 3/8-16 |
| 14 | 153058 | 2 | (00000)-() | PIN |
| 15 | 918196 | 2 | (00000)-() | CLIP, Spring |
| 16 | 172725 | 1 | (00000)-() | PULLEY |
| 17 | 157081 | 1 | (00000)-() | SPACER |
| *18 | 174723 | 2 | (00000)-() | GUARD, Cable |
| 19 | 108418 | 1 | (00000)-() | SCREW |
| 20 | 928731 | 1 | (00000)-() | LOCKNUT, Hex, Jam, 3/8-16 |
| 21 | 174085 | 1 | (00000)-() | LIFT CABLE ASSY |
| 22 | 916241 | 1 | (00000)-() | PIN, Cotter, 3/32 x 7/8 |
| 23 | 174215 | 1 | (00000)-() | PIN |

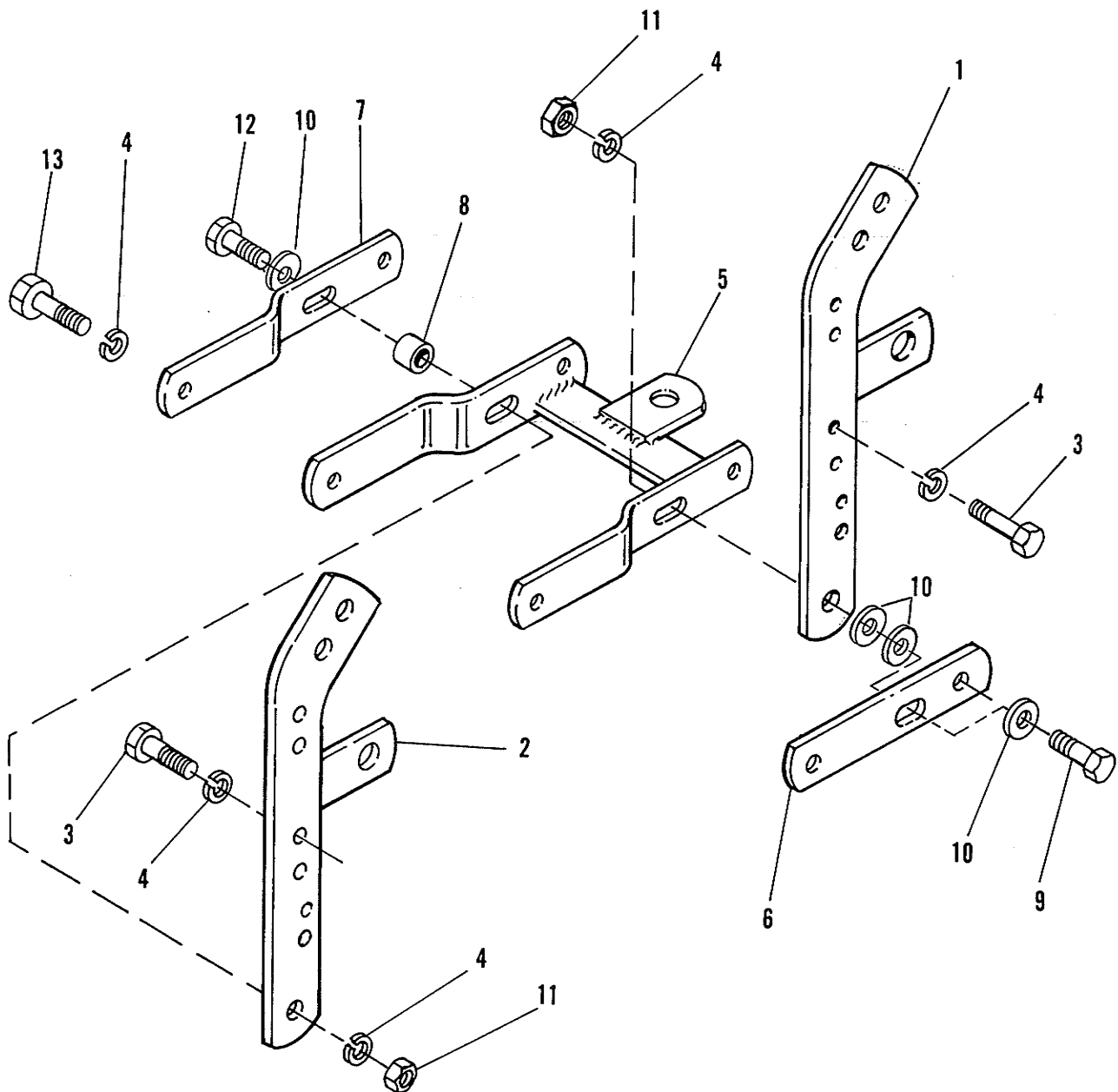
* Ref. No. 18 Qty. 2 used on 7016 H,
Qty. 1 used on 7013S, 7010-6, 7016-6



USE STANDARD HARDWARE
TORQUE SPEC. NO. 173209
UNLESS OTHERWISE NOTED.

| Ref. No | Part No. | Qty. | Serial No. | Description |
|------------|-------------|------|-------------|------------------------------------|
| 1 | 1656877 | 1 | (00000)-() | HOUSING, Bevel Gear |
| 2 | 118117 | 2 | (00000)-() | SEAL, Oil |
| 3 | 154279 | 2 | (00000)-() | BEARING, Needle |
| 4 | 172750 | 1 | (00000)-() | SHAFT, Driver |
| 5 | 172206 | 2 | (00000)-() | RING, Retaining |
| 6 | 172753 | 1 | (00000)-() | WASHER |
| 7 | 172256 | 2 | (00000)-() | BEARING, Ball |
| 8 | 154040 | 1 | (00000)-() | PLATE, Bearing Clamp |
| 9 | 917356 | 1 | (00000)-() | LOCKWASHER, 5/16 |
| 10 | 919318 | 1 | (00000)-() | CAPSCREW, Hex Hd., 5/16-18 x 5/8 |
| 11 | 172752 | 1 | (00000)-() | GEAR, Bevel Driver |
| 12 | 177649 | 2 | (00000)-() | WASHER |
| 13 | 905123 | 2 | (00000)-() | KEY, Woodruff, No. 9 |
| 14 | 154281 | 1 | (00000)-() | CAPSCREW, Hex Hd., 5/16-18 x 3/4 |
| *15 | | 1 | (00000)-() | SHAFT, Driven |
| 16 | 171796 | 1 | (00000)-() | GEAR, Bevel Driven |
| 17 | 920677 | 2 | (00000)-() | CAPSCREW, Hex Hd., 7/16-14 x 1-1/4 |
| 18 | 171787 | 1 | (00000)-() | SEAL, Oil |
| 19 | 171791 | 1 | (00000)-() | SHIM |
| 20 | 171790 | 5 | (00000)-() | SHIM |
| 21 | 171792 | 1 | (00000)-() | SPACER |
| 22 | 178105 | 1 | (00000)-() | PLUG ASSY |
| 23 | 154282 | 1 | (00000)-() | GASKET |
| 24 | 178104 | 1 | (00000)-() | COVER |
| 25 | 930526 | 6 | (00000)-() | CAPSCREW, Hex, 1/4-20 x 5/8 |
| 26 | 901652 | 1 | (00000)-() | PLUG, Pipe |
| 27 | 174829 | 1 | (00000)-() | PLATE ASSY, Side, L.H. |
| 28 | 1606609 | 1 | (00000)-() | PLATE ASSY, Side, R.H. |
| 29 | 918199 | 12 | (00000)-() | LOCKWASHER, 7/16 |
| 30 | 920676 | 10 | (00000)-() | CAPSCREW, Hex Hd., 7/16-14 x 1 |

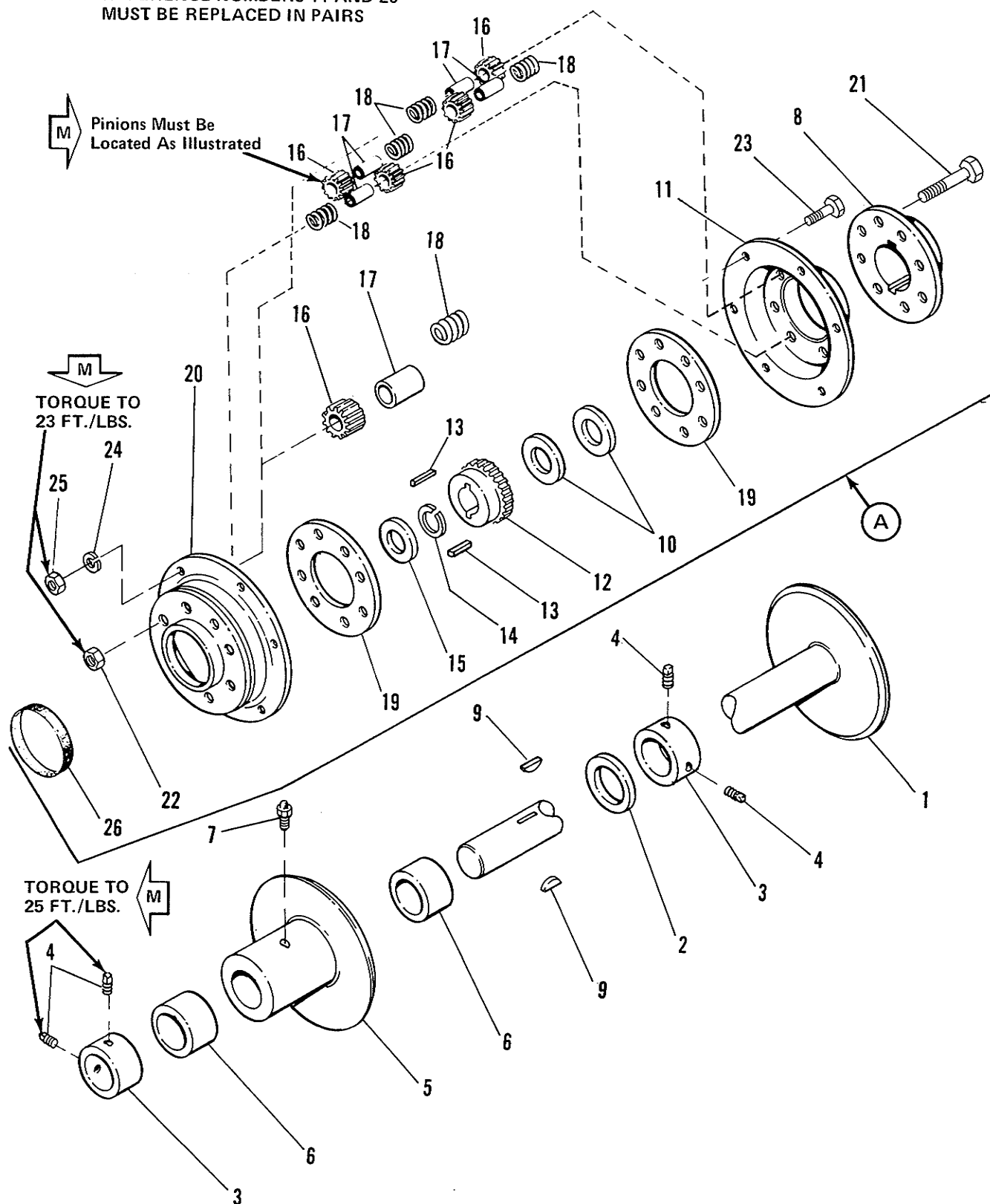
*FOR SERVICE ORDER KIT NO. 1685054



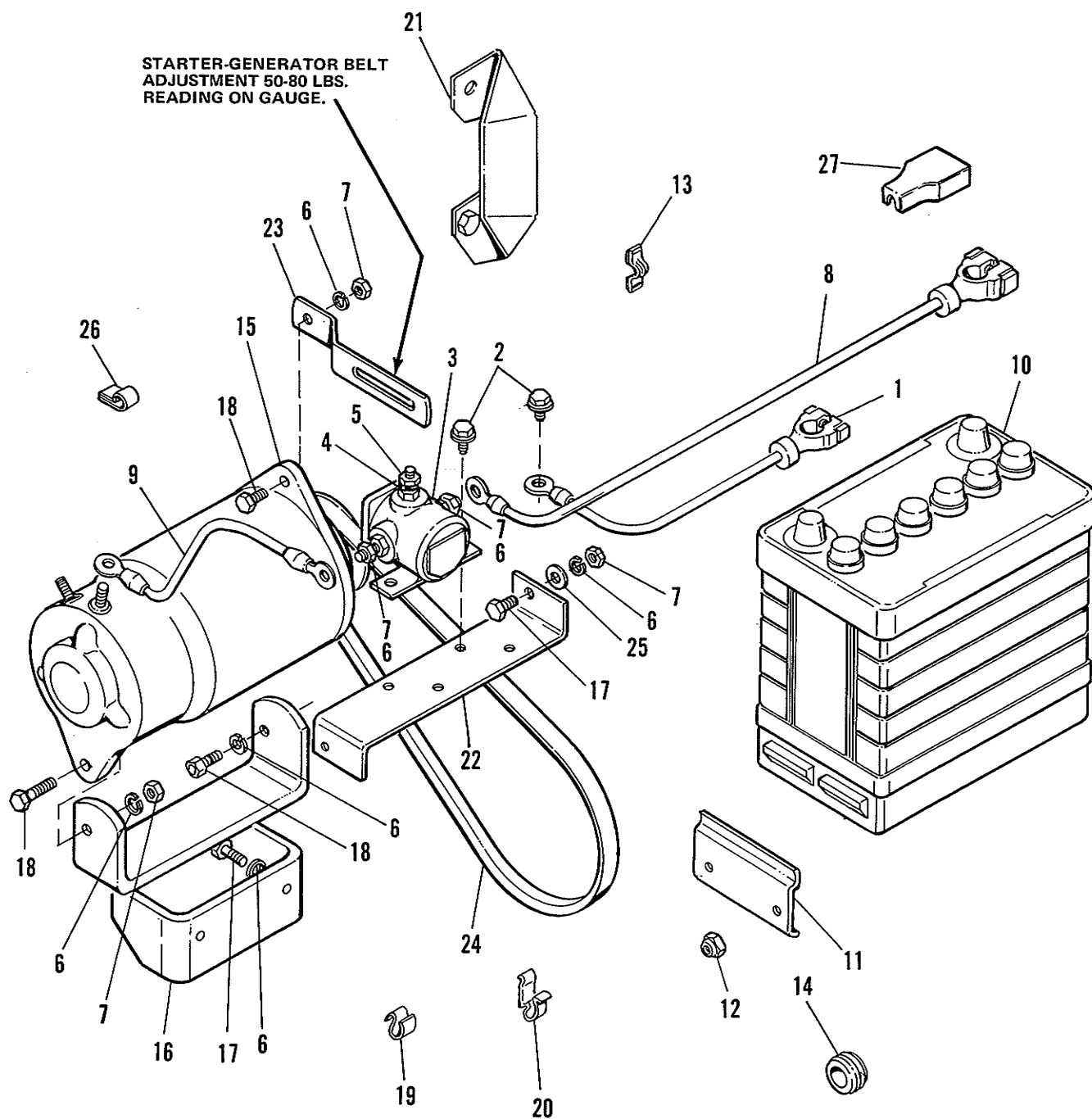
USE STANDARD HARDWARE
TORQUE SPEC. NO. 173209
UNLESS OTHERWISE NOTED.

| Ref. No. | Part No. | Qty. | Serial No. | | Description |
|-------------|-------------|------|------------|---|------------------------------------|
| 1 | 164304 | 1 | (00000)-(|) | L.H. ARM ASSEMBLY |
| 2 | 164284 | 1 | (00000)-(|) | R.H. ARM ASSEMBLY |
| 3 | 920676 | 4 | (00000)-(|) | CAPSCREW, Hex Hd., 7/16-14 x 1 |
| 4 | 918199 | 8 | (00000)-(|) | LOCKWASHER, 7/16 |
| 5 | 154202 | 1 | (00000)-(|) | DRAWBAR ASSEMBLY |
| 6 | 157091 | 1 | (00000)-(|) | BAR, Pull, L.H. |
| 7 | 154203 | 1 | (00000)-(|) | BAR, Draw, R.H. |
| 8 | 1608759 | 1 | (00000)-(|) | SPACER |
| 9 | 921212 | 1 | (00000)-(|) | CAPSCREW, Hex Hd., 7/16-14 x 1-1/2 |
| 10 | 918430 | 4 | (00000)-(|) | WASHER, 7/16 |
| 11 | 918213 | 2 | (00000)-(|) | NUT, Hex, 7/16-14 |
| 12 | 923027 | 1 | (00000)-(|) | CAPSCREW, Hex Hd., 7/16-14 x 1-3/4 |
| 13 | 926109 | 1 | (00000)-(|) | CAPSCREW, Hex Hd., 7/16-14 x 2-1/4 |

NOTE: REFERENCE NUMBERS 11 AND 20
MUST BE REPLACED IN PAIRS

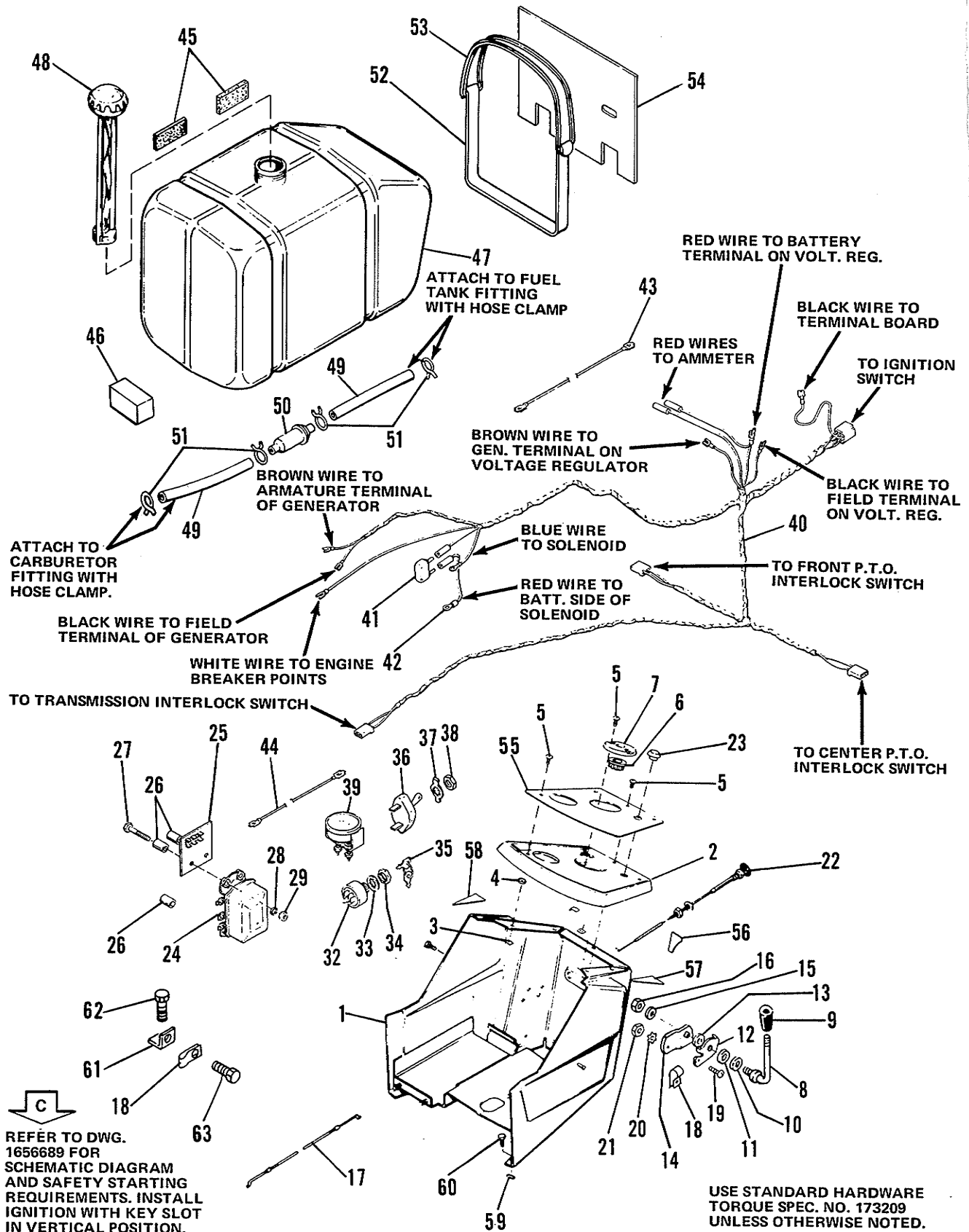


| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|-----------------------------------|
| 1 | 177900 | 1 | {00000}-{ } | REAR AXLE ASSEMBLY |
| 2 | 105050 | 1 | {00000}-{ } | WASHER |
| 3 | 154065 | 2 | {00000}-{ } | COLLAR, Set |
| 4 | 928709 | 4 | {00000}-{ } | SETSCREW, Sq. Hd., 5/16-18 x 3/8 |
| 5 | 176945 | 1 | {00000}-{ } | R.H. WHEEL HUB ASSEMBLY |
| 6 | 153068 | 2 | {00000}-{ } | BEARING |
| 7 | 915019 | 1 | {00000}-{ } | FITTING, Grease |
| 8 | 164217 | 1 | {00000}-{ } | CARRIER, Diff. |
| 9 | 157120 | 2 | {00000}-{ } | KEY, Drive |
| 10 | 171515 | 2 | {00000}-{ } | WASHER, Axle |
| 11 | 171853 | 1 | {00000}-{ } | COVER, Diff. |
| 12 | 177041 | 1 | {00000}-{ } | GEAR, Diff. |
| 13 | 930671 | 2 | {00000}-{ } | KEY, Hi Pro, 1/4 x 3/4 |
| 14 | 154291 | 1 | {00000}-{ } | RING, Retaining |
| 15 | 154277 | 1 | {00000}-{ } | WASHER, Axle |
| 16 | 158579 | 8 | {00000}-{ } | PINION, Diff. |
| 17 | 121083 | 8 | {00000}-{ } | SPINDLE, Diff. Pinion |
| 18 | 162085 | 8 | {00000}-{ } | SPRING |
| 19 | 171517 | 2 | {00000}-{ } | RING, Spacer |
| 20 | 171854 | 1 | {00000}-{ } | COVER, Diff. |
| 21 | 921972 | 8 | {00000}-{ } | CAPSCREW, Hex Hd., 3/8-16 x 2-1/2 |
| 22 | 923428 | 8 | {00000}-{ } | NUT, Hex, 3/8-16 |
| 23 | 907727 | 6 | {00000}-{ } | CAPSCREW, Hex, 1/4-20 x 5/8 |
| 24 | 916964 | 6 | {00000}-{ } | LOCKWASHER, 1/4 |
| 25 | 916622 | 6 | {00000}-{ } | NUT, Hex, 1/4-14 |
| 26 | 121190 | 1 | {00000}-{ } | SEAL, Cover |

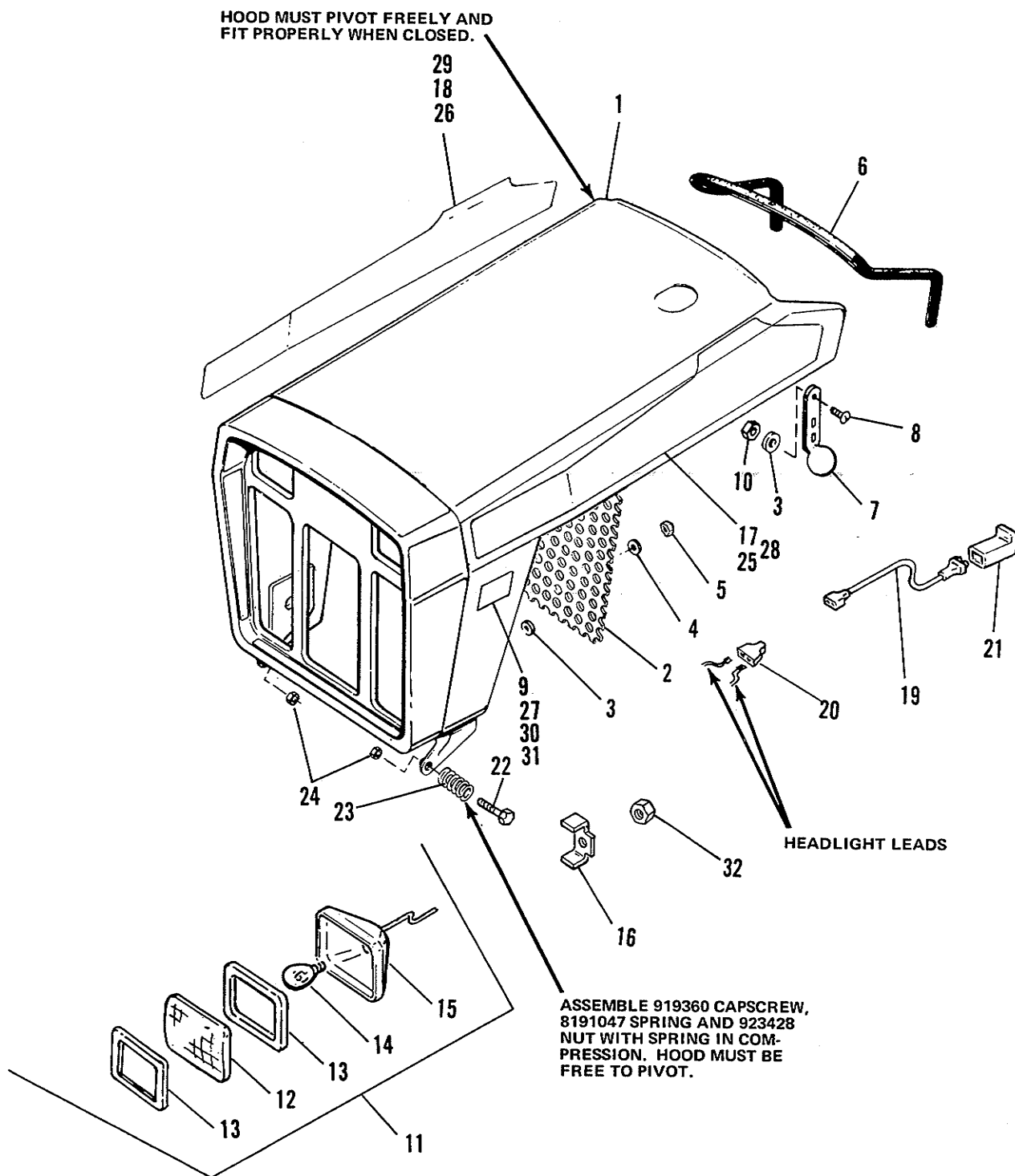


USE STANDARD HARDWARE
TORQUE SPEC. NO. 173209
UNLESS OTHERWISE NOTED.

| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|------------------------------------|
| 1 | 171811 | 1 | (00000)-() | CABLE, Battery to Ground |
| 2 | 925003 | 3 | (00000)-() | SCREW, Taptite, 1/4-20 x 1/2 |
| 3 | 122216 | 1 | (00000)-() | SOLENOID |
| 4 | 922711 | 1 | (00000)-() | LOCKWASHER, No. 10 |
| 5 | 917415 | 1 | (00000)-() | NUT, Hex, No. 10-32 |
| 6 | 917356 | 8 | (00000)-() | LOCKWASHER, 5/16 |
| 7 | 917372 | 5 | (00000)-() | NUT, Hex, 5/16-18 |
| 8 | 1651103 | 1 | (00000)-() | CABLE, Battery to Solenoid |
| 9 | 122213 | 1 | (00000)-() | CABLE, Solenoid to Start |
| 10 | 1685058 | 1 | (00000)-() | BATTERY |
| 11 | 171225 | 1 | (00000)-() | CLAMP |
| 12 | 924433 | 2 | (00000)-() | NUT, Elastic, 5/16-18 |
| 13 | 176912 | 2 | (00000)-() | CLIP, Wire |
| 14 | 172175 | 1 | (00000)-() | GROMMET |
| 15 | 122236 | 1 | (00000)-() | MOTOR, Generator |
| 16 | 157654 | 1 | (00000)-() | SUPPORT ASSEMBLY |
| 17 | 921332 | 3 | (00000)-() | CAPSCREW, Hex Hd., 5/16-18 x 3/4 |
| 18 | 907729 | 3 | (00000)-() | CAPSCREW, Hex Hd., 5/16-18 x 1-1/4 |
| 19 | 172434 | 2 | (00000)-() | CLIP, Tinnerman |
| 20 | 172436 | 2 | (00000)-() | CLIP, Tinnerman |
| 21 | 1655907 | 1 | (00000)-() | PULLEY GUARD ASSEMBLY |
| 22 | 1656452 | 1 | (00000)-() | BRACKET |
| 23 | 157102 | 1 | (00000)-() | ARM, Adjusting |
| 24 | 157524 | 1 | (00000)-() | BELT, V — Gen. |
| 25 | 917642 | 1 | (00000)-() | WASHER, 5/16 |
| 26 | 106786 | 1 | (00000)-() | CLIP, Cable |
| 27 | 1657339 | 1 | (00000)-() | PROTECTOR, Terminal |

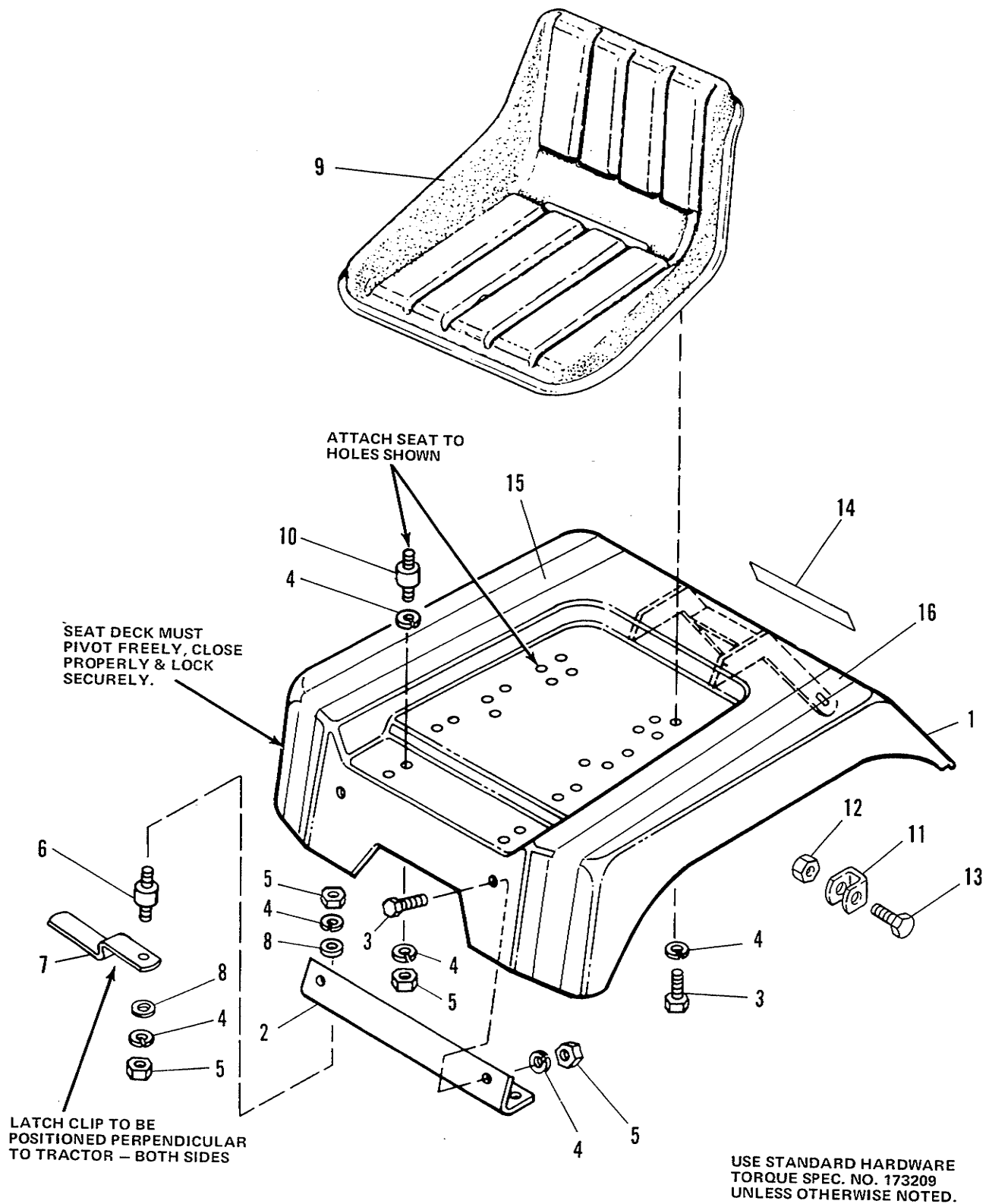


| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|---|
| 1 | 1650420 | 1 | (00000)-() | DASH ASSEMBLY |
| 2 | 1651000 | 1 | (00000)-() | PANEL, Instrument |
| 3 | 917867 | 6 | (00000)-() | NUT, Retainer, Tinn. |
| 4 | 916955 | 4 | (00000)-() | WASHER, Plain, 3/16 |
| 5 | 926025 | 6 | (00000)-() | SCREW, Mach. Rd. Hd., 1/4-20 x 1/2 |
| 6 | 157077 | 1 | (00000)-() | BUSHING |
| 7 | 172008 | 1 | (00000)-() | PLATE STEERING, Adj. |
| 8 | 1651170 | 1 | (00000)-() | HANDLE, Clutch Control |
| 9 | 172038 | 1 | (00000)-() | KNOB, Tapered |
| 10 | 101025 | 1 | (00000)-() | WASHER |
| 11 | 156116 | 1 | (00000)-() | WASHER |
| 12 | | 1 | (00000)-() | STOP, Throttle |
| 13 | 159107 | 1 | (00000)-() | WASHER |
| 14 | 158424 | 1 | (00000)-() | ARM, Throttle |
| 15 | 930665 | 1 | (00000)-() | LOCKWASHER, Dished; Shakeproof, 3/8 |
| 16 | 923428 | 1 | (00000)-() | LOCKNUT, Hex, 3/8-16 |
| 17 | 171355 | 1 | (00000)-() | CONTROL, Throttle |
| 18 | 158475 | 2 | (00000)-() | CLIP, Bowden Wire |
| 19 | 917452 | 1 | (00000)-() | SCREW, Rd. Hd., No. 10-32 x 1/2 |
| 20 | 922711 | 1 | (00000)-() | LOCKWASHER, External, No. 10 |
| 21 | 917415 | 1 | (00000)-() | NUT, Mach. Hex, No. 10-32 |
| 22 | 1650997 | 1 | (00000)-() | CONTROL, Choke |
| 23 | 177447 | 2 | (00000)-() | PLUG, Button |
| 24 | 122193 | 1 | (00000)-() | REGULATOR, Voltage |
| 25 | 1651128 | 1 | (00000)-() | BOARD, Terminal |
| 26 | 106132 | 3 | (00000)-() | SPACER |
| 27 | 919316 | 3 | (00000)-() | CAPSCREW, Hex Hd., 1/4-20 x 1-3/4 |
| 28 | 921880 | 3 | (00000)-() | LOCKWASHER, Shakerproof, 1/4 |
| 29 | 916622 | 3 | (00000)-() | NUT, Hex, 1/4-20 |
| 30 | 925391 | 1 | (00000)-() | SCREW, Hex Hd., 1/4-20 x 5/8 |
| 31 | 929477 | 1 | (00000)-() | SCREW, Taptite, No. 10-24 x 1/2 |
| 32 | 178280 | 1 | (00000)-() | SWITCH, Ignition |
| 33 | 918906 | 1 | (00000)-() | LOCKWASHER, Internal, 5/8 |
| 34 | 122234 | 1 | (00000)-() | NUT, Hex Special |
| 35 | 122203 | 1 | (00000)-() | KEY & RING ASSEMBLY |
| 36 | 122184 | 1 | (00000)-() | SWITCH, Toggle |
| 37 | | 1 | (00000)-() | PLATE |
| 38 | | 1 | (00000)-() | NUT |
| 39 | 1603189 | 1 | (00000)-() | AMMETER |
| 40 | 1651104 | 1 | (00000)-() | HARNESS ASSEMBLY |
| 41 | 172163 | 1 | (00000)-() | CIRCUIT BREAKER |
| 42 | 1651031 | 1 | (00000)-() | WIRE ASSEMBLY |
| 43 | 1651147 | 1 | (00000)-() | WIRE ASSEMBLY |
| 44 | 172296 | 1 | (00000)-() | WIRE ASSEMBLY, Light Switch |
| 45 | 106582 | 2 | (00000)-() | GASKET, Felt |
| 46 | 173335 | 1 | (00000)-() | PAD, Fuel Tank |
| 47 | 171115 | 1 | (00000)-() | TANK, Fuel |
| 48 | 171252 | 1 | (00000)-() | CAP, Fuel Tank |
| 49 | 1655313 | 2 | (00000)-() | HOSE, Fuel |
| 50 | 173206 | 1 | (00000)-() | FILTER, Fuel |
| 51 | 154372 | 4 | (00000)-() | CLAMP, Hose |
| 52 | 171330 | 2 | (00000)-() | STRAP, Tank |
| 53 | 172744 | 2 | (00000)-() | STRAP, Fuel Tank |
| 54 | 172119 | 1 | (00000)-() | INSULATION, Fuel Tank |
| 55 | 1651101 | 1 | (00000)-() | DECAL, Instrument Panel |
| 56 | 1657090 | 1 | (00000)-() | DECAL, Ignition |
| 57 | 1657136 | 1 | (00000)-() | DECAL, Throttle Control |
| 58 | 1657365 | 1 | (00000)-() | DECAL, 6 Speed Control |
| 59 | 928703 | 7 | (00000)-() | NUT, Speed, Tinn. |
| 60 | 930561 | 10 | (00000)-() | SCREW, Hex Hd. Thd. Forming, No. 14 x 3/4 |
| 61 | 1656453 | 1 | (00000)-() | BRACKET, Cable |

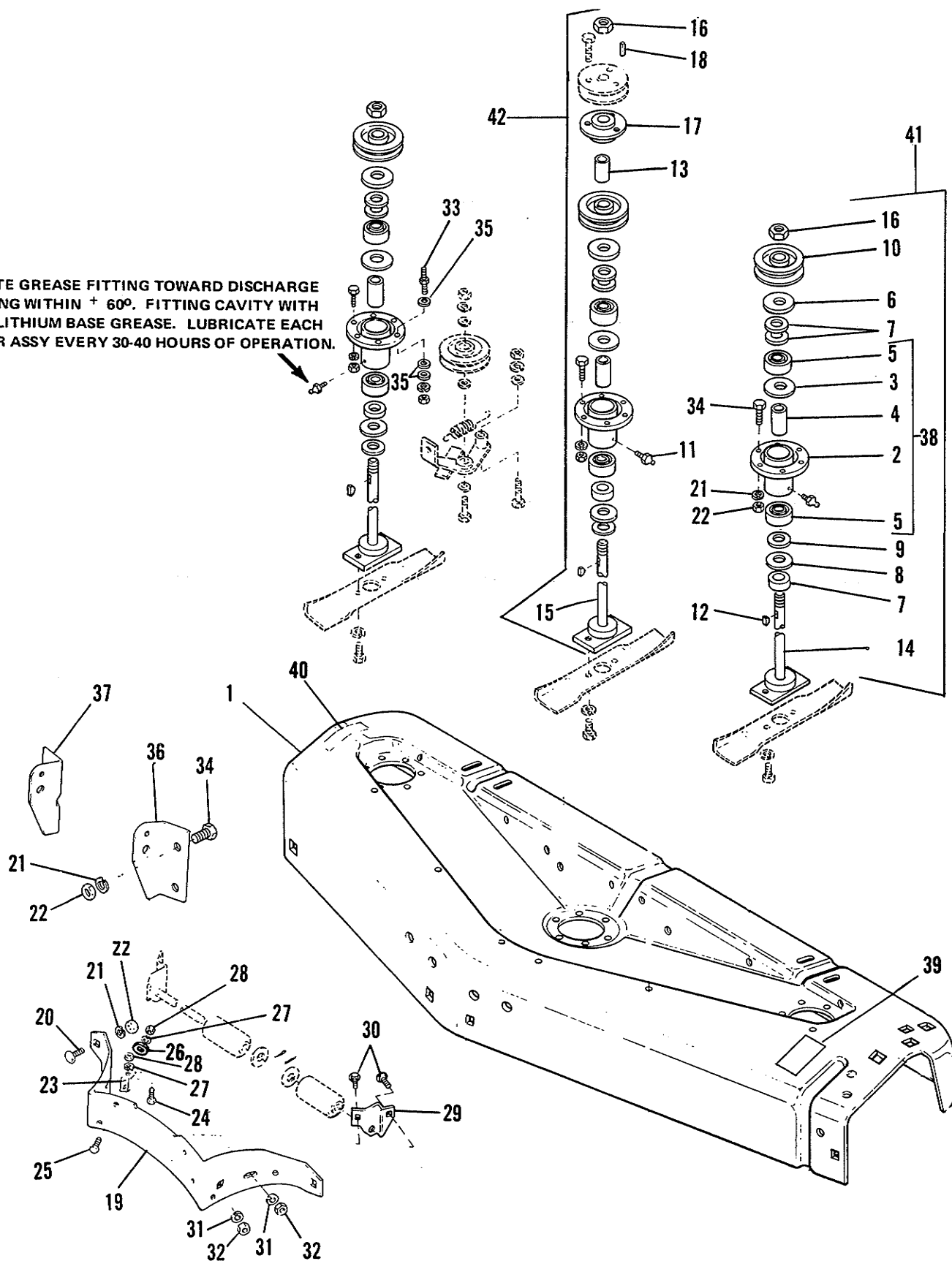
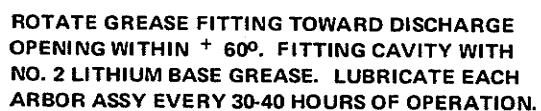


USE STANDARD HARDWARE
TORQUE SPEC. NO. 173209
UNLESS OTHERWISE NOTED.

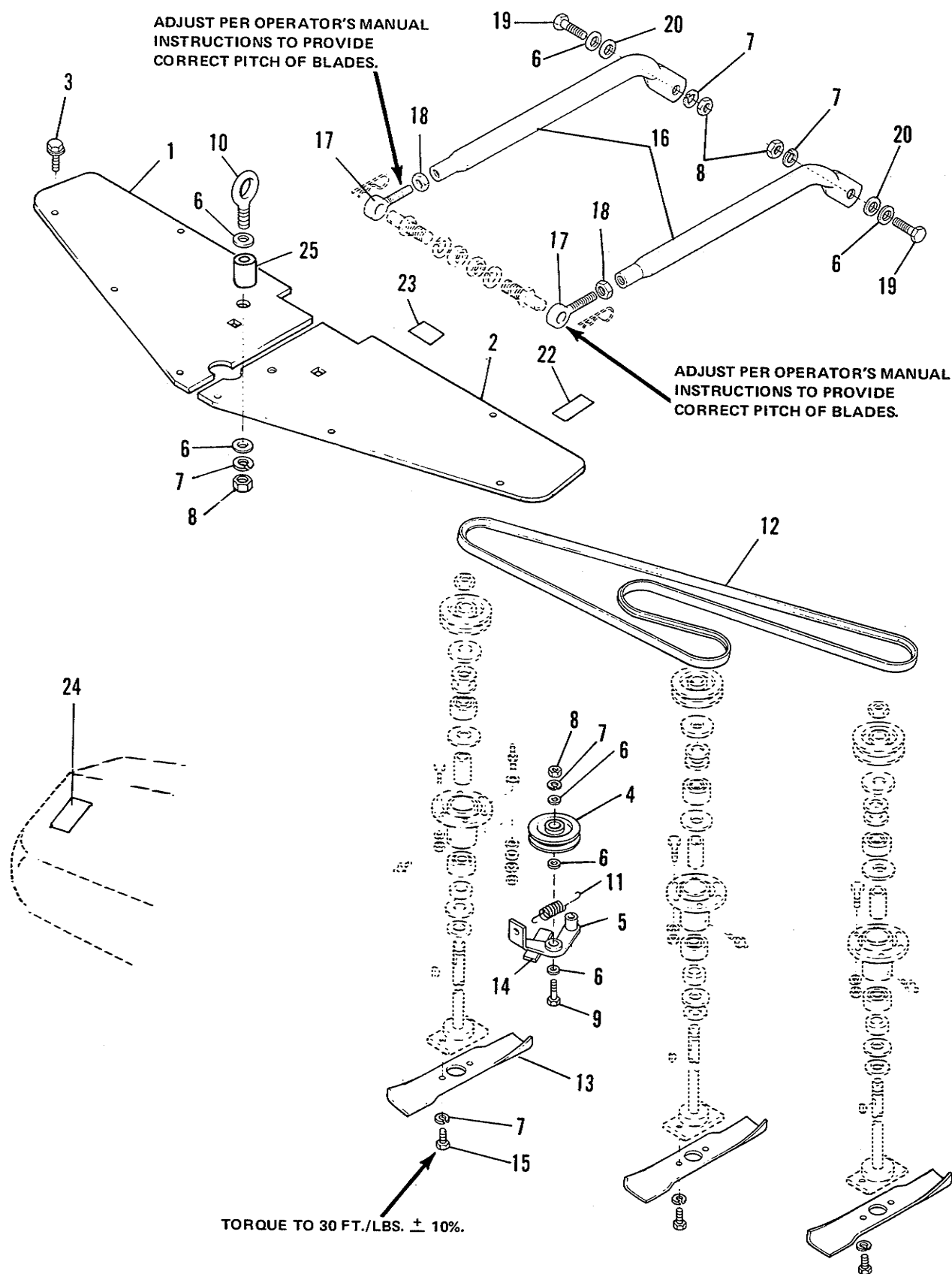
| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|------------------------------------|
| 1 | 1656400 | 1 | (00000)-() | HOOD & GRILLE ASSEMBLY |
| 2 | 1656587 | 1 | (00000)-() | SCREEN, Grille |
| 3 | 171804 | 6 | (00000)-() | WASHER, Special |
| 4 | 922711 | 8 | (00000)-() | LOCKWASHER, Ext. Tooth, No. 10 |
| 5 | 916621 | 4 | (00000)-() | NUT, Hex, Mach., No. 10-24 |
| 6 | 172935 | 1 | (00000)-() | MOULDING, Hood |
| 7 | 171600 | 2 | (00000)-() | STRAP, Hood |
| 8 | 930531 | 2 | (00000)-() | SCREW, Truss Hd., No. 10-32 x 1/2 |
| 9 | 1657145 | 2 | (00000)-() | DECAL, 7016-6 Speed (7016) |
| 10 | 930627 | 6 | (00000)-() | LOCKNUT, Hex, No. 10-32 |
| 11 | 1656935 | 2 | (00000)-() | LIGHT ASSEMBLY |
| 12 | 1656933 | 2 | (00000)-() | LENS |
| 13 | 1654662 | 4 | (00000)-() | GASKET |
| 14 | | 2 | (00000)-() | BULB, No. 1293 |
| 15 | 1654664 | 2 | (00000)-() | SOCKET |
| 16 | 1656881 | 4 | (00000)-() | CLIP |
| 17 | 1657117 | 1 | (00000)-() | DECAL, L.H. Hood, Sovereign (7016) |
| 18 | 1657116 | 1 | (00000)-() | DECAL, R.H. Hood, Sovereign (7016) |
| 19 | 1657047 | 1 | (00000)-() | WIRE ASSEMBLY |
| 20 | 172100 | 1 | (00000)-() | BODY, Connector |
| 21 | 122182 | 1 | (00000)-() | CONNECTOR, Insulated |
| 22 | 919360 | 2 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 1-1/2 |
| 23 | 8191047 | 2 | (00000)-() | SPRING |
| 24 | 923428 | 2 | (00000)-() | NUT, Hex, 3/8-16 |
| 25 | 1657113 | 1 | (00000)-() | DECAL, L.H. Hood, Landlord (7010) |
| 26 | 1657112 | 1 | (00000)-() | DECAL, R.H. Hood, Landlord (7010) |
| 27 | 1657143 | 2 | (00000)-() | DECAL, 7010 6-Speed (7010) |
| 32 | 932854 | 4 | (00000)-() | LOCKNUT, Hex, Mach. |



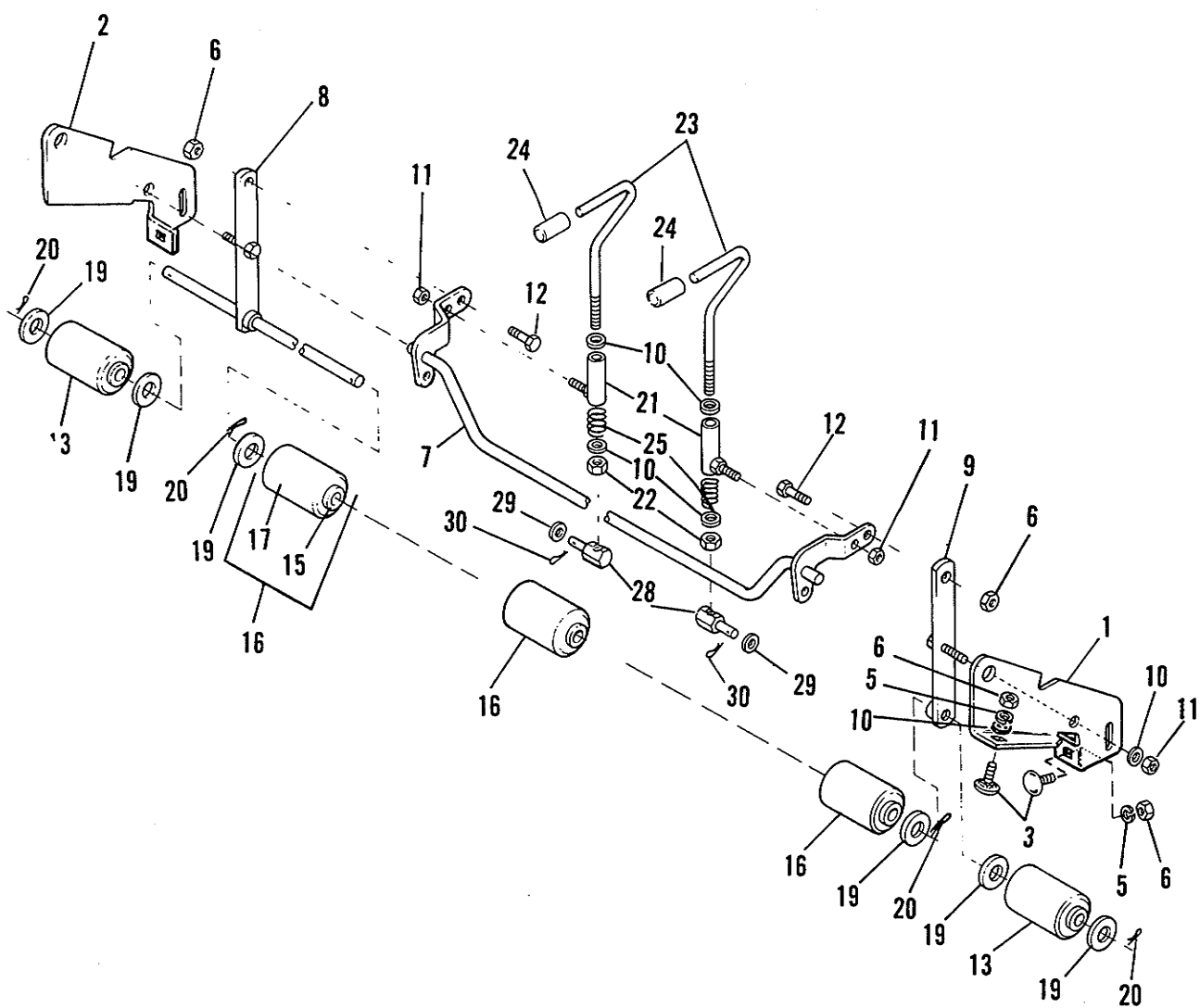
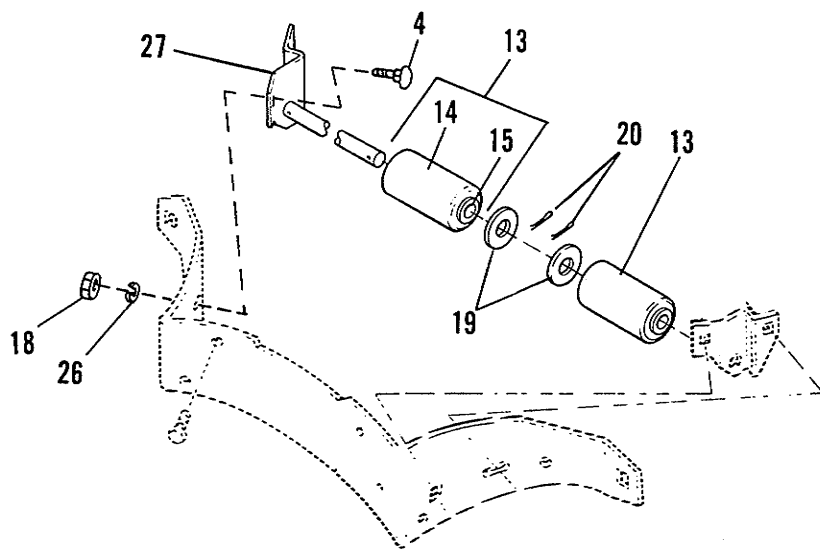
| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|-------------------------------|
| 1 | 166111 | 1 | (00000)-() | SEAT, Deck |
| 2 | 164029 | 1 | (00000)-() | BRACKET, Frt. Seat Deck |
| 3 | 919318 | 4 | (00000)-() | CAPSCREW, .312-18 x 625 |
| 4 | 917356 | 10 | (00000)-() | LOCKWASHER, .312 |
| 5 | 917372 | 8 | (00000)-() | NUT, Hex, Full, .312-18 |
| 6 | 157094 | 2 | (00000)-() | CONNECTOR, Cushion |
| 7 | 1606823 | 2 | (00000)-() | CLIP |
| 8 | 917377 | 4 | (00000)-() | WASHER, .250 Std. |
| 9 | 1657309 | 1 | (00000)-() | SEAT |
| 10 | 159085 | 2 | (00000)-() | CONNECTOR, Cushion |
| 11 | 1607870 | 1 | (00000)-() | STOP, Seat Deck |
| 12 | 923428 | 2 | (00000)-() | LOCKNUT, Hex, .375-16 |
| 13 | 917400 | 2 | (00000)-() | CAPSCREW, Hex, .375-16 x 1.25 |
| 14 | 153166 | 1 | (00000)-() | DECAL, Simplicity |
| 15 | 1657282 | 1 | (00000)-() | DECAL, Strip R.H. |
| 16 | 1657283 | 1 | (00000)-() | DECAL, Strip L.H. |



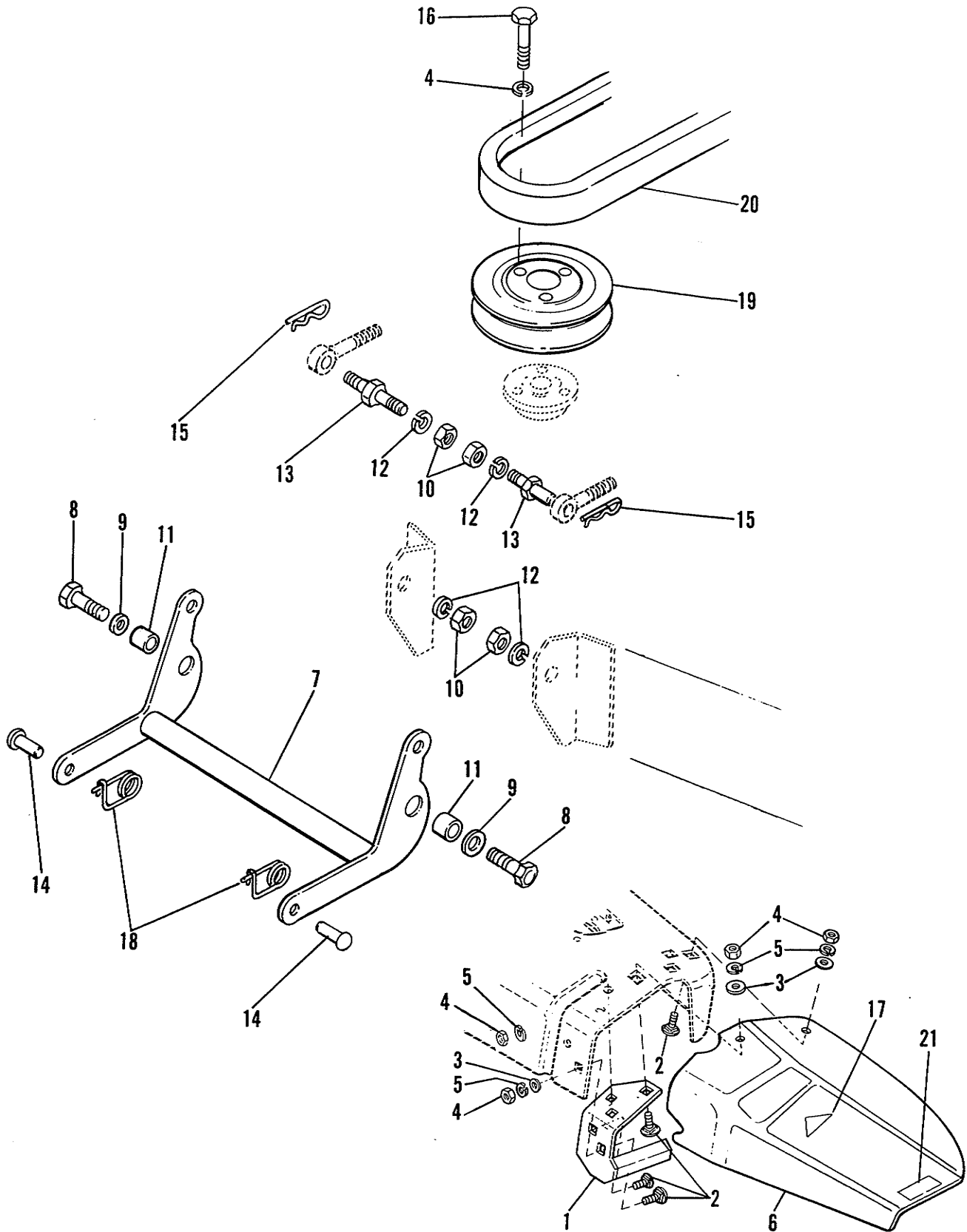
| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|-----------------------------------|
| 1 | 103302 | 1 | (00000)-() | HOUSING, 42" |
| 2 | 108679 | 3 | (00000)-() | TUBE ASSY |
| 3 | 108134 | 3 | (00000)-() | BACKING RING |
| 4 | 108201 | 3 | (00000)-() | SPACER |
| 5 | 108202 | 6 | (00000)-() | BEARING |
| 6 | 108139 | 3 | (00000)-() | FLINGER |
| 7 | 108181 | 9 | (00000)-() | WASHER |
| 8 | 108257 | 3 | (00000)-() | WASHER |
| 9 | 108472 | 3 | (00000)-() | WASHER |
| 10 | 177005 | 3 | (00000)-() | PULLEY |
| 11 | 913958 | 3 | (00000)-() | FITTING, Grease |
| 12 | 918312 | 3 | (00000)-() | KEY, Woodruff, 3/16 x 5/8 |
| 13 | 108436 | 1 | (00000)-() | SPACER |
| 14 | 108250 | 1 | (00000)-() | ARBOR ASSY, Outer |
| 15 | 177499 | 1 | (00000)-() | ARBOR ASSY, Center |
| 16 | 922133 | 3 | (00000)-() | NUT, Full Hex Lock, 3/4-16 |
| 17 | 1651404 | 1 | (00000)-() | HUB, Pulley |
| 18 | 157332 | 1 | (00000)-() | KEY |
| 19 | 108361 | 1 | (00000)-() | BAFFLE |
| 20 | 922110 | 2 | (00000)-() | CARRIAGE BOLT, 3/8-16 x 3/4 |
| 21 | 916965 | 24 | (00000)-() | LOCKWASHER, 3/8 |
| 22 | 916950 | 24 | (00000)-() | NUT, Hex Full, 3/8-16 |
| 23 | 108186 | 2 | (00000)-() | CLIP, Baffle |
| 24 | 922125 | 2 | (00000)-() | SCREW, Self-Tapping, 1/4-20 x 7/8 |
| 25 | 921959 | 2 | (00000)-() | CAPSCREW, Hex Hd., 1/4-20 x 5/8 |
| 26 | 917377 | 2 | (00000)-() | WASHER, Plain, 1/4 |
| 27 | 916964 | 4 | (00000)-() | LOCKWASHER, 1/4 |
| 28 | 916622 | 4 | (00000)-() | NUT, Hex Full, 1/4-20 |
| 29 | 108224 | 1 | (00000)-() | BRACKET, L.H. Roller |
| 30 | 923346 | 2 | (00000)-() | CARRIAGE BOLT., 5/16-18 x 3/4 |
| 31 | 917356 | 2 | (00000)-() | LOCKWASHER, 5/16 |
| 32 | 917372 | 2 | (00000)-() | NUT, Hex, 5/16-18 |
| 33 | 156131 | 1 | (00000)-() | STUD |
| 34 | 921965 | 21 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 3/4 |
| 35 | 917642 | 3 | (00000)-() | WASHER, Plain, 5/16 |
| 36 | 1651499 | 1 | (00000)-() | BRACKET, L.H. |
| 37 | 1651500 | 1 | (00000)-() | BRACKET, R.H. |
| 38 | 1650533 | 3 | (00000)-() | BEARING & TUBE ASSY |
| 39 | 176719 | 1 | (00000)-() | DECAL, Danger |
| 40 | 176720 | 1 | (00000)-() | DECAL, Caution |
| 41 | 103229 | 1 | (00000)-() | ARBOR KIT, Side |
| 42 | 103233 | 1 | (00000)-() | ARBOR KIT, Center |



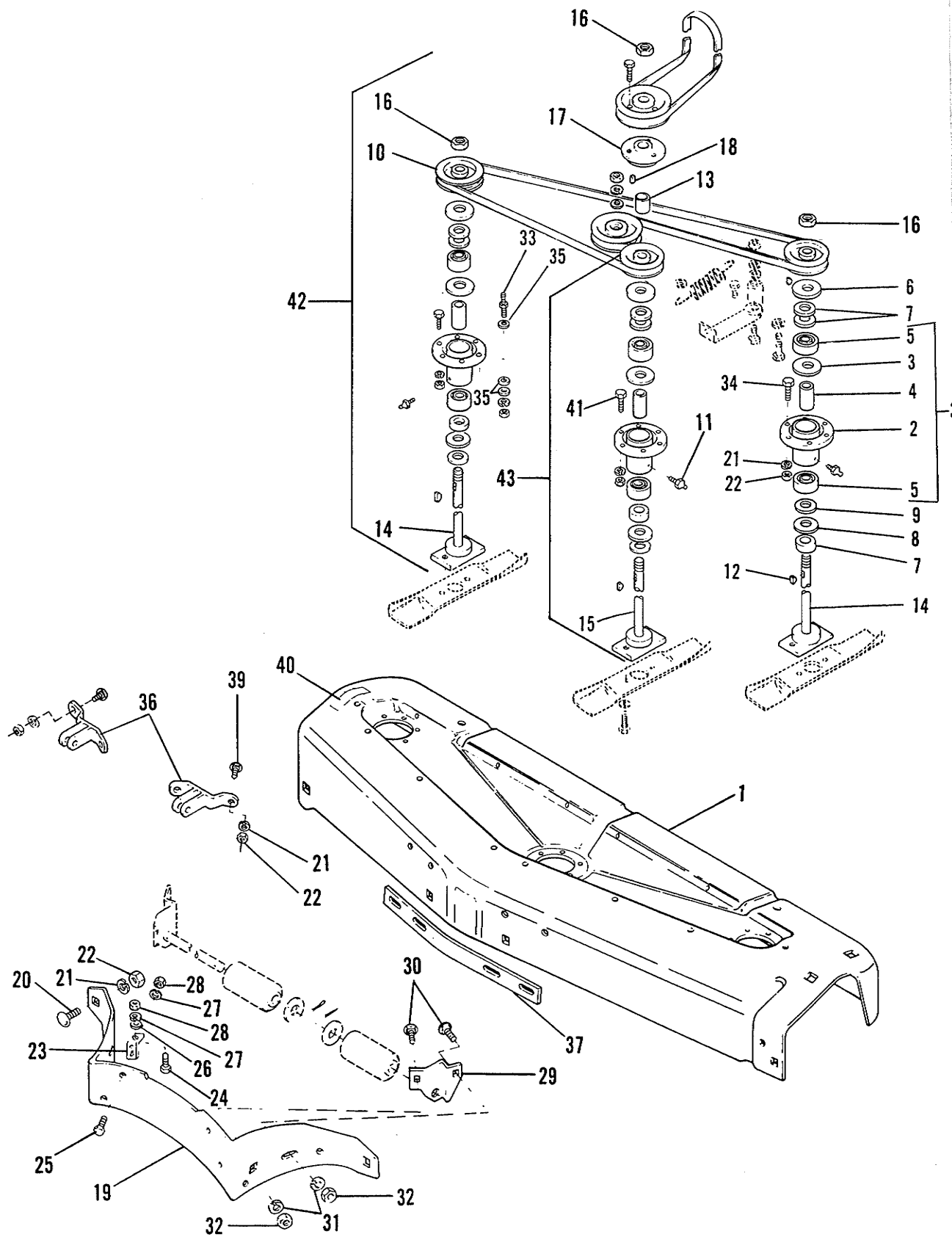
| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|--|
| 1 | 172049 | 1 | (00000)-() | COVER, R.H. |
| 2 | 172414 | 1 | (00000)-() | COVER, L.H. |
| 3 | 929000 | 12 | (00000)-() | SCREW, Hex Hd., Self-Tapping, 1/4-20 x 3/8 |
| 4 | 108386 | 1 | (00000)-() | PULLEY, Idler |
| 5 | 108416 | 1 | (00000)-() | LEVER ASSY, Idler |
| 6 | 917642 | 7 | (00000)-() | WASHER, Plain, 5/16 |
| 7 | 916965 | 10 | (00000)-() | LOCKWASHER, 3/8 |
| 8 | 916950 | 4 | (00000)-() | NUT, Hex Full, 3/8-16 |
| 9 | 108418 | 1 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4 |
| 10 | 171815 | 1 | (00000)-() | EYEBOLT |
| 11 | 154369 | 1 | (00000)-() | SPRING |
| 12 | 108209 | 1 | (00000)-() | "V" BELT, Blade Drive |
| 13 | 108298 | 3 | (00000)-() | BLADE |
| 14 | 158450 | 1 | (00000)-() | GASKET, Felt |
| 15 | 922586 | 6 | (00000)-() | CAPSCREW, Hex Hd, 3/8-16 x 5/8 |
| 16 | 1651520 | 2 | (00000)-() | ARM, Adjusting |
| 17 | 157215 | 2 | (00000)-() | EYEBOLT |
| 18 | 919262 | 2 | (00000)-() | NUT, Hex Jam, 1/2-20 |
| 19 | 907731 | 2 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 1 |
| 20 | 153073 | 2 | (00000)-() | SPACER |
| 21 | 176151 | 1 | (00000)-() | FILM, Safety |
| 22 | 174845 | 1 | (00000)-() | FILM, Belt Installation |
| 23 | 176720 | 1 | (00000)-() | DECAL, Caution |
| 24 | 8171073 | 1 | (00000)-() | RACE, Inner |



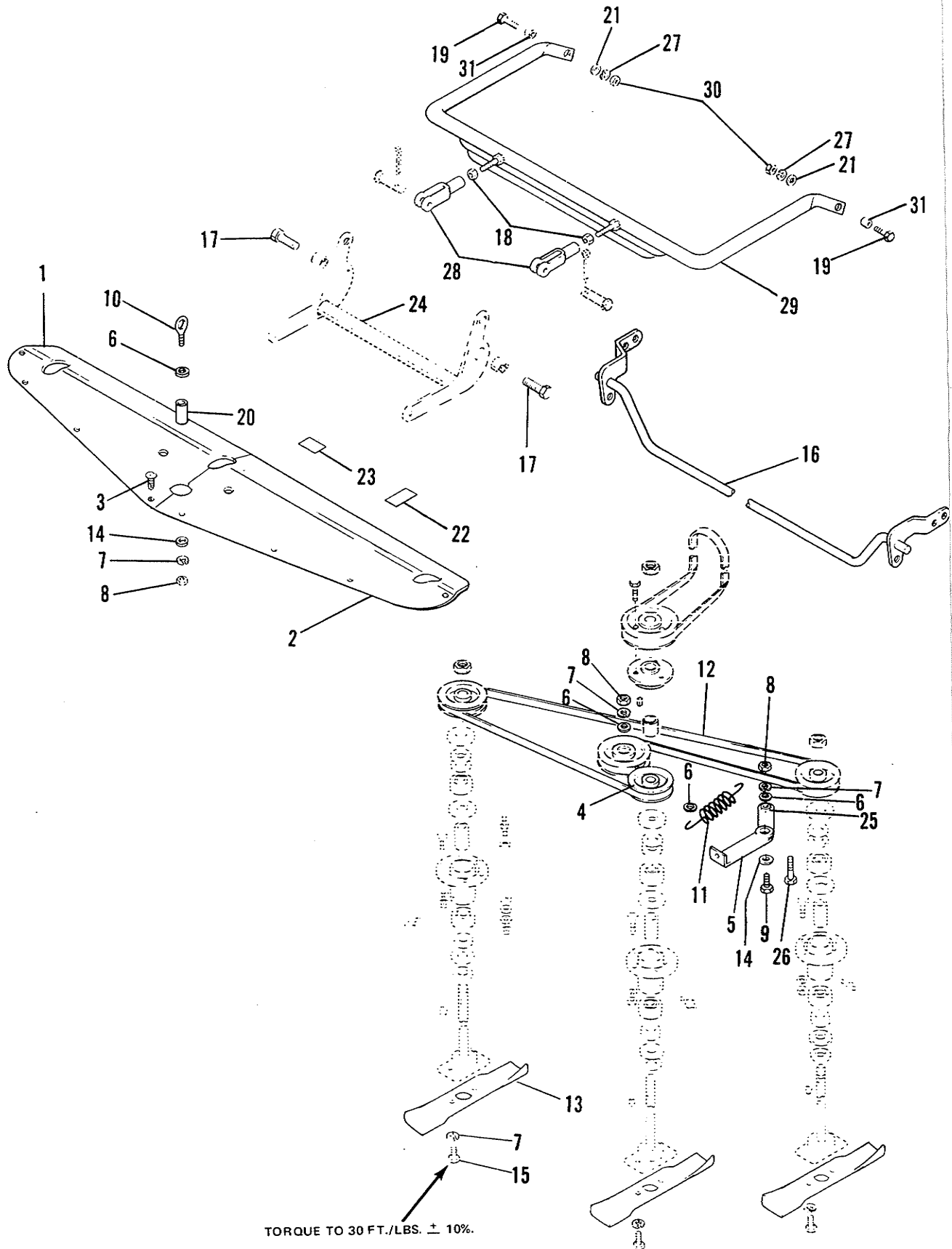
| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|-------------------------------|
| 1 | 172044 | 1 | (00000)-() | BRACKET, Roller, L.H. |
| 2 | 172045 | 1 | (00000)-() | BRACKET, Roller, R.H. |
| 3 | 923347 | 4 | (00000)-() | CARRIAGE BOLT, 3/8-16 x 3/4 |
| 4 | 923346 | 2 | (00000)-() | CARRIAGE BOLT, 5/16-18 x 3/4 |
| 5 | 916965 | 4 | (00000)-() | LOCKWASHER, 3/8 |
| 6 | 916950 | 6 | (00000)-() | NUT, Hex Full, 3/8-16 |
| 7 | 1651514 | 1 | (00000)-() | ROCKER ARM ASSY |
| 8 | 171958 | 1 | (00000)-() | SHAFT ASSY, Roller |
| 9 | 172412 | 1 | (00000)-() | BAR ASSY, Roller |
| 10 | 917378 | 6 | (00000)-() | WASHER, Plain, 3/8 |
| 11 | 923428 | 4 | (00000)-() | NUT, Hex Full Lock, 3/8-16 |
| 12 | 907731 | 2 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 1 |
| 13 | 108431 | 4 | (00000)-() | ROLLER ASSY |
| 14 | | 4 | (00000)-() | ROLLER |
| 15 | 108419 | 14 | (00000)-() | BUSHING |
| 16 | 108432 | 3 | (00000)-() | ROLLER ASSY |
| 17 | | 3 | (00000)-() | ROLLER |
| 18 | 917372 | 2 | (00000)-() | NUT, Hex Full, 5/16-18 |
| 19 | 177351 | 6 | (00000)-() | WASHER, Plain, 5/8 |
| 20 | 918458 | 6 | (00000)-() | PIN, Cotter, 3/16 x 1 |
| 21 | 108241 | 2 | (00000)-() | SOCKET ASSY |
| 22 | 917421 | 2 | (00000)-() | NUT, Hex Jam, 3/8-16 |
| 23 | 1650394 | 2 | (00000)-() | HANDLE, Adjusting |
| 24 | 1651820 | 2 | (00000)-() | GRIP |
| 25 | 108360 | 2 | (00000)-() | SPRING |
| 26 | 917356 | 2 | (00000)-() | LOCKWASHER, 5/16 |
| 27 | 108426 | 1 | (00000)-() | BRACKET & SHAFT ASSY |
| 28 | 108512 | 2 | (00000)-() | PIVOT |
| 29 | 917642 | 2 | (00000)-() | WASHER, Plain, 5/16 |
| 30 | 922000 | 2 | (00000)-() | PIN, Cotter, 3/32 x 5/8 |



| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|-----------------------------------|
| 1 | 174167 | 1 | (00000)-() | GUARD ASSY, Stone |
| 2 | 922109 | 4 | (00000)-() | CARRIAGE BOLT, 3/8-16 x 1-1/4 |
| 3 | 8161199 | 3 | (00000)-() | WASHER, Speical |
| 4 | 916965 | 7 | (00000)-() | LOCKWASHER, 3/8 |
| 5 | 916950 | 4 | (00000)-() | NUT, Hex Full, 3/8-16 |
| 6 | 1651177 | 1 | (00000)-() | DEFLECTOR |
| 7 | 172468 | 1 | (00000)-() | ROCKER ARM ASSY |
| 8 | 917279 | 2 | (00000)-() | CAPSCREW, Hex Hd., 1/2-13 x 1-1/4 |
| 9 | 918430 | 2 | (00000)-() | WASHER, Plain, 7/16 |
| 10 | 916951 | 4 | (00000)-() | NUT, Hex Full, 1/2-13 |
| 11 | 105051 | 2 | (00000)-() | SPACER |
| 12 | 916966 | 4 | (00000)-() | LOCKWASHER, 1/2 |
| 13 | 1651516 | 2 | (00000)-() | PIN, Pivot |
| 14 | 118053 | 2 | (00000)-() | PIN |
| 15 | 918196 | 2 | (00000)-() | CLIP, Spring |
| 16 | 922606 | 3 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 1-3/4 |
| 17 | | 1 | (00000)-() | DECAL, OPEI |
| 18 | 176012 | 2 | (00000)-() | CLIP, Safety Pin |
| 19 | 174189 | 1 | (00000)-() | PULLEY |
| 20 | 176439 | 1 | (00000)-() | "V" BELT, PTO |
| 21 | 176719 | 1 | (00000)-() | DECAL, Danger |

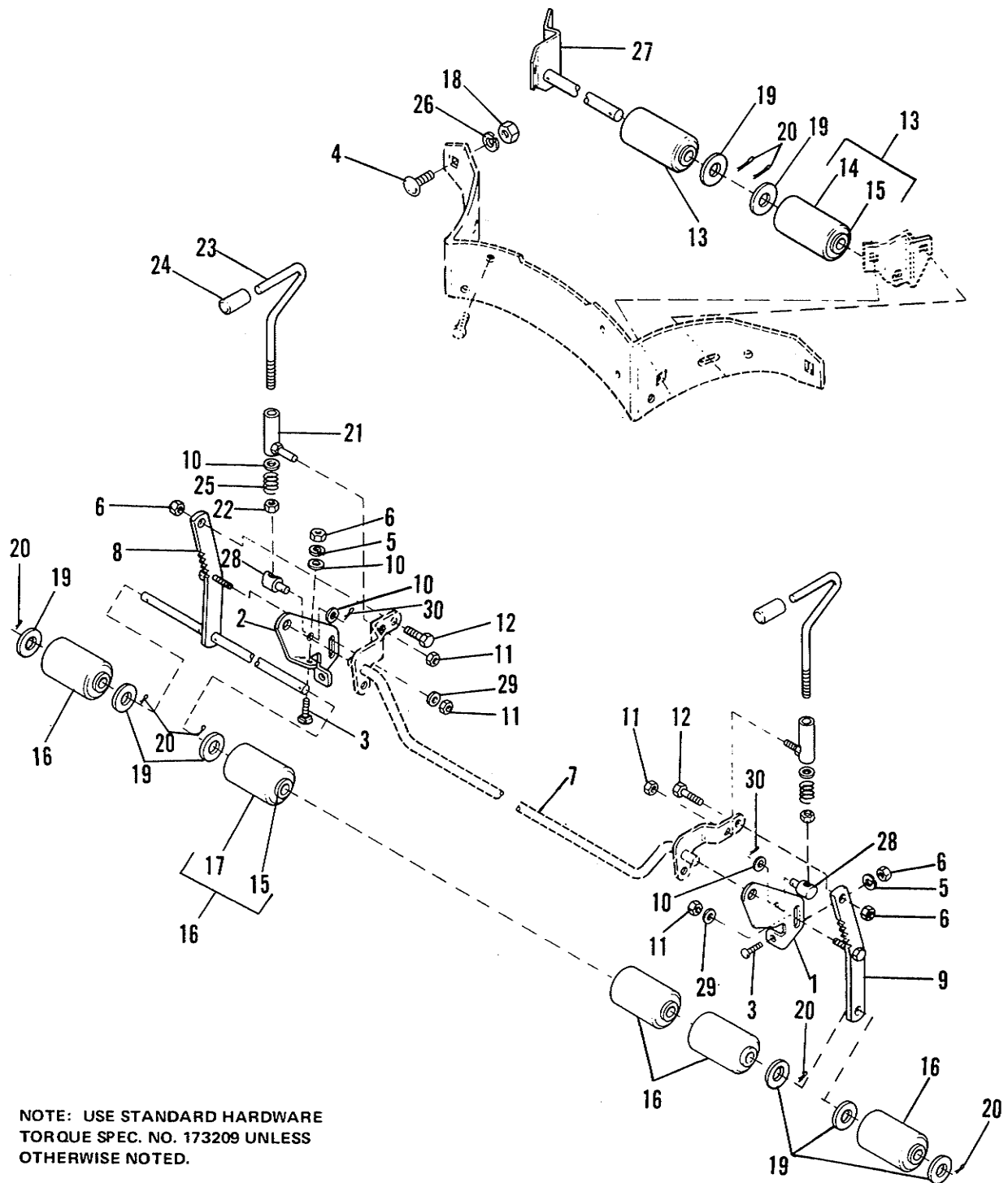


| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|-------------------------------------|
| 1 | 1651183 | 1 | (00000)-() | HOUSING, 48" |
| 2 | 108678 | 3 | (00000)-() | TUBE SUB-ASSY |
| 3 | 108134 | 3 | (00000)-() | RING, Backing |
| 4 | 108201 | 3 | (00000)-() | SPACER |
| 5 | 108202 | 6 | (00000)-() | BEARING, Ball |
| 6 | 108139 | 3 | (00000)-() | FLINGER |
| 7 | 108181 | 9 | (00000)-() | WASHER |
| 8 | 108257 | 3 | (00000)-() | WASHER |
| 9 | 108472 | 3 | (00000)-() | WASHER |
| 10 | 177005 | 3 | (00000)-() | PULLEY |
| 11 | 913958 | 3 | (00000)-() | FITTING, Lube, Drive Type, 1/4 |
| 12 | 918312 | 3 | (00000)-() | KEY, Woodruff, No. 61, 3/16 x 5/8 |
| 13 | 108436 | 1 | (00000)-() | SPACER |
| 14 | 108250 | 2 | (00000)-() | ARBOR ASSY |
| 15 | 177499 | 1 | (00000)-() | ARBOR ASSY, Drive |
| 16 | 922133 | 3 | (00000)-() | NUT, Hex Lock, 3/4-16 |
| 17 | 1651404 | 1 | (00000)-() | HUB, Pulley |
| 18 | 157332 | 1 | (00000)-() | KEY |
| 19 | 108453 | 1 | (00000)-() | BAFFLE |
| 20 | 922110 | 2 | (00000)-() | BOLT, Rd.Hd., 3/8-16 x 3/4 |
| 21 | 916965 | 24 | (00000)-() | LOCKWASHER, Spring, 3/8 |
| 22 | 916950 | 24 | (00000)-() | NUT, Hex, 1/4-20 |
| 23 | 108186 | 2 | (00000)-() | CLIP, Baffle |
| 24 | 922125 | 2 | (00000)-() | SCREW, Thread Cutting, 1/4-20 x 7/8 |
| 25 | 921959 | 2 | (00000)-() | CAPSCREW, Hex Hd., 1/4-20 x 5/8 |
| 26 | 917377 | 2 | (00000)-() | WASHER, Plain, 1/4 |
| 27 | 916964 | 4 | (00000)-() | LOCKWASHER, Spring, 1/4 |
| 28 | 916622 | 4 | (00000)-() | NUT, Hex, 1/4-20 |
| 29 | 108224 | 1 | (00000)-() | BRACKET, Roller, L.H. |
| 30 | 923346 | 2 | (00000)-() | BOLT, Rd. Hd., 5/16-18 x 3/4 |
| 31 | 917356 | 2 | (00000)-() | LOCKWASHER, Spring, 5/16 |
| 32 | 917372 | 2 | (00000)-() | NUT, Hex, 5/16-18 |
| 33 | 156131 | 1 | (00000)-() | STUD, Stop |
| 34 | 921965 | 16 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 3/4 |
| 35 | 917642 | 3 | (00000)-() | WASHER, Plain, 5/16 |
| 36 | 108219 | 2 | (00000)-() | BRACKET ASSY, Front |
| 37 | 108366 | 1 | (00000)-() | BAR, Reif. |
| 38 | 1650533 | 3 | (00000)-() | BEARING & TUBE SUB-ASSY |
| 39 | 923232 | 4 | (00000)-() | BOLT, Rd. Hd., 3/8-16 x 1 |
| 40 | 176720 | 1 | (00000)-() | DECAL, Caution |
| 41 | 161130 | 1 | (00000)-() | SCREW, Special |
| 42 | 103229 | 2 | (00000)-() | ARBOR KIT, Outside |
| 43 | 103233 | 1 | (00000)-() | ARBOR KIT, Center |



| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|-----------------------------------|
| 1 | 172076 | 1 | (00000)-() | COVER, R.H. |
| 2 | 172354 | 1 | (00000)-() | COVER, L.H. |
| 3 | 929000 | 14 | (00000)-() | SCREW, Hex, Taptite, 1/4-20 x 3/8 |
| 4 | 108386 | 1 | (00000)-() | PULLEY, Idler |
| 5 | 108473 | 1 | (00000)-() | LEVER ASSY, Idler |
| 6 | 917642 | 4 | (00000)-() | WASHER, Plain, 5/16 |
| 7 | 916965 | 9 | (00000)-() | LOCKWASHER, Spring, 3/8 |
| 8 | 916950 | 3 | (00000)-() | NUT, Hex, 3/8-16 |
| 9 | 108418 | 1 | (00000)-() | SCREW |
| 10 | 171815 | 1 | (00000)-() | EYEBOLT |
| 11 | 108449 | 1 | (00000)-() | SPRING, Tension |
| 12 | 108450 | 1 | (00000)-() | BELT, "V", Mower Drive |
| 13 | 108448 | 3 | (00000)-() | BLADE, Knife |
| 14 | 917378 | 2 | (00000)-() | WASHER, Plain, 3/8 |
| 15 | 922586 | 6 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 5/8 |
| 16 | 172015 | 1 | (00000)-() | ARM ASSY, Rocker |
| 17 | 930574 | 2 | (00000)-() | CAPSCREW, Hex Hd., 1/2-20 x 3 |
| 18 | 919262 | 2 | (00000)-() | NUT, Hex, Jam, 1/2-20 |
| 19 | 917279 | 2 | (00000)-() | CAPSCREW, Hex Hd., 1/2-13 x 1-1/4 |
| 20 | 172082 | 1 | (00000)-() | SPACER |
| 21 | 918430 | 2 | (00000)-() | WASHER, Plain, 7/16 |
| 22 | 176151 | 1 | (00000)-() | FILM, Safety |
| 23 | 174845 | 1 | (00000)-() | FILM, Belt Installation |
| *24 | 108794 | 1 | (00000)-() | ARM ASSY, Rocker |
| 25 | 8171073 | 1 | (00000)-() | RACE, Inner |
| 26 | 919361 | 1 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 1-3/4 |
| 27 | 916966 | 2 | (00000)-() | LOCKWASHER, Spring, 1/2 |
| 28 | 154304 | 2 | (00000)-() | YOKE, End Adj. |
| 29 | 172473 | 1 | (00000)-() | BAIL ASSY |
| 30 | 916951 | 2 | (00000)-() | NUT, Hex, 1/2-13 |
| 31 | 105051 | 2 | (00000)-() | SPACER |

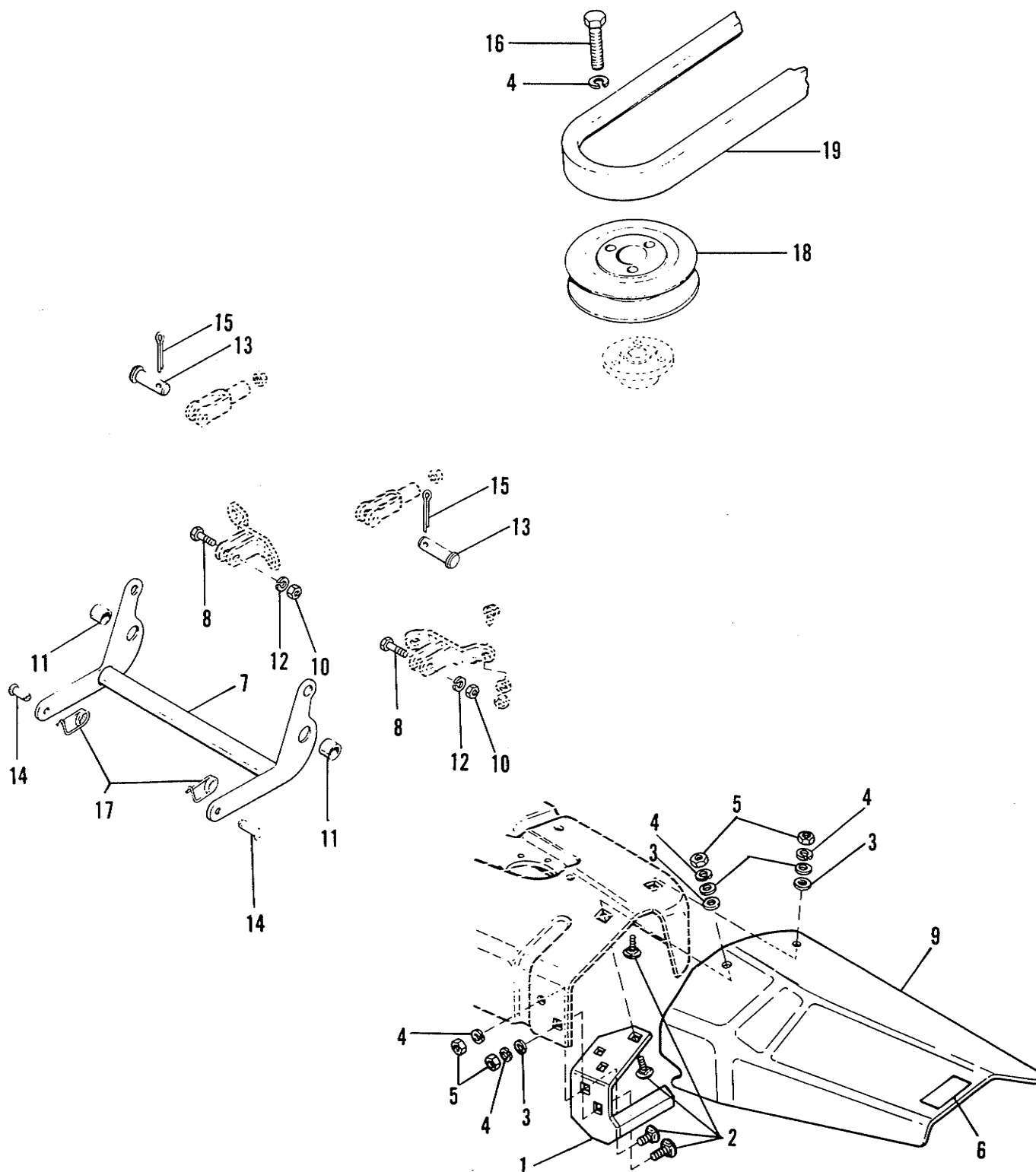
*FOR SERVICE SEE DEFLECTOR, STONE GUARD & ROCKER ARM GROUP



NOTE: USE STANDARD HARDWARE
TORQUE SPEC. NO. 173209 UNLESS
OTHERWISE NOTED.

| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|-------------------------------|
| 1 | 172046 | 1 | (00000)-() | BRACKET, Roller, L.H. |
| 2 | 172047 | 1 | (00000)-() | BRACKET, Roller, R.H. |
| 3 | 923347 | 4 | (00000)-() | BOLT, Rd. Hd., 3/8-16 x 3/4 |
| 4 | 923346 | 2 | (00000)-() | BOLT, Rd. Hd., 5/16-18 x 3/4 |
| 5 | 916965 | 4 | (00000)-() | LOCKWASHER, Spring, 3/8 |
| 6 | 916950 | 6 | (00000)-() | NUT, Hex, 3/8-16 |
| * 7 | | 1 | (00000)-() | ARM ASSY, Rocker |
| 8 | 172075 | 1 | (00000)-() | SHAFT ASSY, Roller |
| 9 | 108465 | 1 | (00000)-() | BAR SUB-ASSY, Roller |
| 10 | 917378 | 6 | (00000)-() | WASHER, Plain, 3/8 |
| 11 | 923428 | 4 | (00000)-() | NUT, Hex, Full Lock, 3/8-16 |
| 12 | 907731 | 2 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 1 |
| 13 | 108431 | 2 | (00000)-() | ROLLER SUB-ASSY |
| 14 | | 2 | (00000)-() | ROLLER |
| 15 | 108419 | 14 | (00000)-() | BUSHING |
| 16 | 108432 | 5 | (00000)-() | ROLLER ASSY |
| 17 | | 5 | (00000)-() | ROLLER |
| 18 | 917372 | 2 | (00000)-() | NUT, Hex, 5/16-18 |
| 19 | 919387 | 8 | (00000)-() | WASHER, Plain, 5/8 |
| 20 | 918458 | 7 | (00000)-() | PIN, Cotter, 3/16 x 1 |
| 21 | 108241 | 2 | (00000)-() | SOCKET ASSY |
| 22 | 917421 | 2 | (00000)-() | NUT, Hex, Jam, 3/8-16 |
| 23 | 1650394 | 2 | (00000)-() | HANDLE, Adj. |
| 24 | 1651820 | 2 | (00000)-() | GRIP |
| 25 | 108360 | 2 | (00000)-() | SPRING, Adj. Screw |
| 26 | 917356 | 2 | (00000)-() | LOCKWASHER, 5/16 |
| 27 | 108454 | 1 | (00000)-() | BRACKET & SHAFT ASSY |
| 28 | 108512 | 2 | (00000)-() | PIVOT |
| 29 | 917642 | 2 | (00000)-() | WASHER, Plain, 5/16 |
| 30 | 922000 | 2 | (00000)-() | PIN, Cotter, 3/32 x 5/8 |

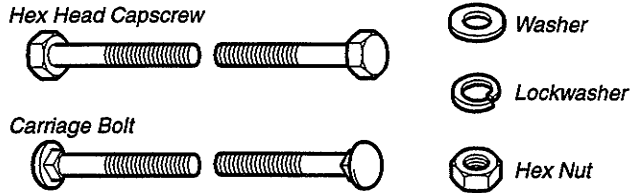
* FOR SERVICE SEE COVER, DRIVE & BAIL GROUP



| Ref. No. | Part No. | Qty. | Serial No. | Description |
|-------------|-------------|------|-------------|--|
| 1 | 174127 | 1 | (00000)-() | GUARD ASSY, Stone |
| 2 | 922109 | 4 | (00000)-() | BOLT, Rd. Hd., 3/8-16 x 1-1/4 |
| 3 | 8161199 | 3 | (00000)-() | WASHER, Special |
| 4 | 916965 | 7 | (00000)-() | LOCKWASHER, Spring, 3/8 |
| 5 | 916950 | 4 | (00000)-() | NUT, Hex, 3/8-16 |
| 6 | 176719 | 1 | (00000)-() | DECAL, Danger |
| 7 | 172468 | 1 | (00000)-() | ARM ASSY, Rocker |
| 8 | 917279 | 2 | (00000)-() | CAPSCREW, Hex Hd., 1/2-13 x 1-1/4 |
| 9 | 1651184 | 1 | (00000)-() | DEFLECTOR |
| 10 | 916951 | 2 | (00000)-() | NUT, Hex, 1/2-13 |
| 11 | 105051 | 2 | (00000)-() | SPACER |
| 12 | 916966 | 2 | (00000)-() | LOCKWASHER, Spring, 1/2 |
| 13 | 154305 | 2 | (00000)-() | PIN, Yoke |
| 14 | 118053 | 2 | (00000)-() | PIN, |
| 15 | 918452 | 2 | (00000)-() | PIN, Cotter, 1/8 x 1 |
| 16 | 922606 | 3 | (00000)-() | CAPSCREW, Hex Hd., 3/8-16 x 1-3/4, Gr. 8 |
| 17 | 176012 | 2 | (00000)-() | CLIP, Safety Pin |
| 18 | 174190 | 1 | (00000)-() | PULLEY |
| 19 | 163011 | 1 | (00000)-() | BELT, "V", Tractor to Mower |

Hardware Identification & Torque Specifications

Common Hardware Types

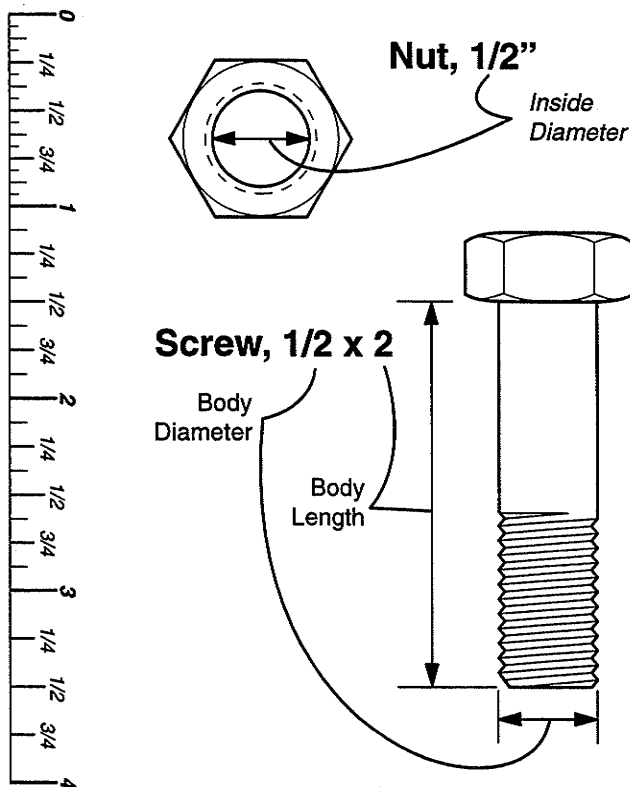


Standard Hardware Sizing

When a washer or nut is identified as $\frac{1}{2}$ ", this is the *Nominal size*, meaning the *inside diameter* is $\frac{1}{2}$ inch; if a second number is present it represents the *threads per inch*

When bolt or capscrew is identified as $\frac{1}{2}$ - 16 x 2", this means the *Nominal size*, or *body diameter* is $\frac{1}{2}$ inch; the second number represents the *threads per inch* (16 in this example, and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.



Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance $\pm 20\%$)

| Hardware Grade | No Marks | | SAE Grade 2 | | SAE Grade 5 | | SAE Grade 8 | |
|----------------|----------|-------|-------------|-------|-------------|---------|-------------|-----|
| | in/lbs | Nm. | in/lbs | Nm. | in/lbs | Nm. | in/lbs | Nm. |
| 8-32 | 19 | 2.1 | 30 | 3.4 | 41 | 4.6 | | |
| 8-36 | 20 | 2.3 | 31 | 3.5 | 43 | 4.9 | | |
| 10-24 | 27 | 3.1 | 43 | 4.9 | 60 | 6.8 | | |
| 10-32 | 31 | 3.5 | 49 | 5.5 | 68 | 7.7 | | |
| 1/4-20 | 66 | 7.6 | 8 | 10.9 | 12 | 16.3 | | |
| 1/4-28 | 76 | 8.6 | 10 | 13.6 | 14 | 19.0 | | |
| 5/16-18 | 11 | 15.0 | 17 | 23.1 | 25 | 34.0 | | |
| 5/16-24 | 12 | 16.3 | 19 | 25.8 | 27 | 34.0 | | |
| 3/8-16 | 20 | 27.2 | 30 | 40.8 | 45 | 61.2 | | |
| 3/8-24 | 23 | 31.3 | 35 | 47.6 | 50 | 68.0 | | |
| 7/16-14 | 30 | 40.8 | 50 | 68.0 | 70 | 95.2 | | |
| 7/16-20 | 35 | 47.6 | 55 | 74.8 | 80 | 108.8 | | |
| 1/2-13 | 50 | 68.0 | 75 | 102.0 | 110 | 149.6 | | |
| 1/2-20 | 55 | 74.8 | 90 | 122.4 | 120 | 163.2 | | |
| 9/16-12 | 65 | 88.4 | 110 | 149.6 | 150 | 204.0 | | |
| 9/16-18 | 75 | 102.0 | 120 | 163.2 | 170 | 231.2 | | |
| 5/8-11 | 90 | 122.4 | 150 | 204.0 | 220 | 299.2 | | |
| 5/8-18 | 100 | 136 | 180 | 244.8 | 240 | 326.4 | | |
| 3/4-10 | 160 | 217.6 | 260 | 353.6 | 386 | 525.0 | | |
| 3/4-16 | 180 | 244.8 | 300 | 408.0 | 420 | 571.2 | | |
| 7/8-9 | 140 | 190.4 | 400 | 544.0 | 600 | 816.0 | | |
| 7/8-14 | 155 | 210.8 | 440 | 598.4 | 660 | 897.6 | | |
| 1-8 | 220 | 299.2 | 580 | 788.8 | 900 | 1,244.0 | | |
| 1-12 | 240 | 326.4 | 640 | 870.4 | 1,000 | 1,360.0 | | |

NOTES

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
 - for prevailing torque locknuts - use 65% of grade 5 torques.
 - for flange whizlock nuts and screws - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

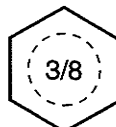
Wrench & Fastener Size Guide



$\frac{1}{4}$ " Bolt or Nut
Wrench— $\frac{7}{16}$ "



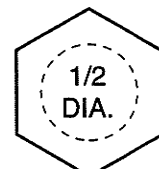
$\frac{5}{16}$ " Bolt or Nut
Wrench— $\frac{1}{2}$ "



$\frac{3}{8}$ " Bolt or Nut
Wrench— $\frac{9}{16}$ "



$\frac{7}{16}$ " Bolt or Nut
Wrench (Bolt)— $\frac{5}{8}$ "
Wrench (Nut)— $\frac{11}{16}$ "



$\frac{1}{2}$ " Bolt or Nut
Wrench— $\frac{3}{4}$ "

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